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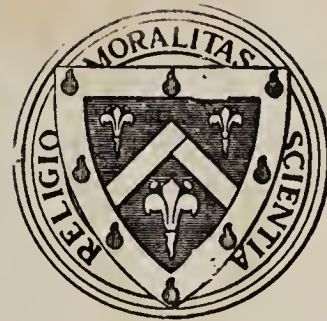
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saint joseph's college
of rensselaer, indiana
is a college
for men
founded in 1889
and
conducted by
the fathers of
the society of the precious blood
granting b.a.
and b.s. degrees.
this is the
seventy-first
annual catalogue
with announcements for
1961-1962



cover design by Thomas W. DeMint, '59

GENERAL INFORMATION

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EAST CHICAGO CAMPUS

In addition to courses on campus, the College operates a four year branch at East Chicago, Indiana, known as the Saint Joseph's College CALUMET CENTER. Opened in 1951, the CALUMET CENTER offers courses leading to the baccalaureate degree, and in adult education. For further information, write to the Office of the Director, 4708 Indianapolis Blvd., East Chicago, Indiana.

SUMMER SESSIONS

A six-week SUMMER SESSION is offered on both campuses; a six-week SUMMER SESSION in Field Geology is offered at Silver City, New Mexico. For further information, write to the Director of the Summer Session, Saint Joseph's College, Rensselaer, Indiana.

ACCREDITATION

Saint Joseph's College is a member of or is accredited by the following associations and standardizing agencies:

Adult Education Association

American Council on Education

Association of American Colleges

Association of American Colleges for Teacher Education

Association of University Evening Colleges

Commission on Christian Higher Education of the Association of American Colleges

Indiana Association of Church Related and Independent Colleges

Indiana Conference of Higher Education

National Catholic Education Association

North Central Association of Colleges and Secondary Schools

State of Indiana Department of Public Instruction for the training of elementary and high school teachers.

Approved by the American Medical Association for pre-medical training.

Affiliated on 3-2 (Liberal Arts-Engineering) Programs with: Marquette University; Purdue University; Rose Polytechnic Institute; Saint Louis University; University of Illinois; University of Notre Dame. Students on the 3-2 program may transfer to any accredited engineering college.

Affiliated with Phi Eta Sigma, a national Honors Fraternity for Freshman, and Delta Epsilon Sigma, a national Catholic Honors Society.

CALENDAR for 1961

JANUARY								FEBRUARY								MARCH								APRIL							
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CALENDAR for 1962

JANUARY								FEBRUARY								MARCH								APRIL							
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21	22	23	24	25	26	27		18	19	20	21	22	23	24		18	19	20	21	22	23	24		22	23	24	25	26	27	28	
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MAY								JUNE								JULY								AUGUST							
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6	7	8	9	10	11	12		3	4	5	6	7	8	9		8	9	10	11	12	13	14		5	6	7	8	9	10	11	
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SEPTEMBER								OCTOBER								NOVEMBER								DECEMBER							
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9	10	11	12	13	14	15		14	15	16	17	18	19	20		11	12	13	14	15	16	17		9	10	11	12	13	14	15	
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BOARD OF CONTROL 7

BOARD OF CONTROL

Very Reverend John E. Byrne, C.PP.S.,* President
Reverend Isidore McCarthy, C.PP.S.
Very Reverend Raphael H. Gross, C.PP.S.
Reverend Harold V. Diller, C.PP.S., Secretary
Reverend Norbert Sweeterman, C.PP.S., Treasurer
Reverend Edward A. Maziarz, C.PP.S.

BOARD OF LAY TRUSTEES

The Board of Lay Trustees was organized on December 8, 1950. Composed of alumni and non-alumni members, it is charged with the responsibility of giving assistance and advice on matters pertaining to the administration of the College.

Officers of the Board

Robert A. Gallagher, Indianapolis, Indiana, Chairman
Rev. John M. Lefko, C.PP.S., Secretary

Members Ex-Officio

Very Reverend Raphael H. Gross, C.PP.S., President of the College
Reverend Edward A. Maziarz, C.PP.S., Dean of the College
Reverend John M. Lefko, C.PP.S., Director of Development

Alumni Members

William A. Hanley, '08, Indianapolis, Indiana
Justin H. Oppenheim, '19, Coldwater, Ohio
Raymond Ziegman, Orrville, Ohio

Members at Large

William B. Ansted, Jr., Indianapolis, Indiana
Frank Benchik, Munster, Indiana
Joseph H. Broderick, Muncie, Indiana
Frank C. Callahan, Chicago, Illinois
Walter Darling, Chicago, Illinois
Robert A. Gallagher, Indianapolis, Indiana
Clarence A. Gramelspacher, Jasper, Indiana
George S. Halas, Chicago, Illinois
Charles A. Halleck, Rensselaer, Indiana
Arthur Hellyer, Chicago, Illinois
Morris E. Jacobs, Omaha, Nebraska
Thomas A. Lewis, Chicago, Illinois
James B. McCahey, Sr., Chicago, Illinois
Frank M. McHale, Indianapolis, Indiana
Richard A. O'Connor, Fort Wayne, Indiana

* C.PP.S. These letters are the abbreviations of *Congregatio Pretiosissimi Sanguinis*, the official name of the Society of the Precious Blood. All the priests and brothers at Saint Joseph's are members of this religious community.

8 SAINT JOSEPH'S COLLEGE

A D M I N I S T R A T I V E S T A F F

Very Reverend Raphael H. Gross, C.PP.S., A.M., Ph.D., President
Reverend Edward A. Maziarz, C.PP.S., M.A., M.S., Ph.D., Academic Dean
Reverend Rudolph P. Bierberg, C.PP.S., S.T.L., S.T.D., Assistant Academic Dean
Reverend Rufus H. Esser, C.PP.S., M.A., Secretary
Reverend Charles H. Banet, C.PP.S., A.M.L.S., Librarian
Reverend Daniel E. Schaefer, C.PP.S., Dean of Students
Reverend Charles J. Robbins, C.PP.S., M.A., Registrar
Reverend Leonard J. Kostka, C.PP.S., J.C.L., Chaplain
Reverend Richard P. Baird, C.PP.S., Admissions Counsellor
Reverend Paul J. Wellman, C.PP.S., M.A., Business Manager
Reverend William L. Eilerman, C.PP.S., M.S., Treasurer
Reverend John M. Lefko, C.PP.S., Director of Development
Reverend Henry J. Martin, C.PP.S., M.S., Ed.D., Director of Calumet Center
Reverend Cletus G. Kern, C.PP.S., M.A., Assistant Director of Calumet Center
Reverend George J. Lubeley, C.PP.S., S.T.L., Dircteor of Summer Session
Reverend Richard P. Baird, C.PP.S., Director of Athletics
Reverend Gerard A. Lutkemeier, C.PP.S., B.S. in L.S., Assistant Librarian
Reverend Ralph C. Bushell, C.PP.S., B.S. in Ed., Director of Guidance
Mr. Hugh P. Cowdin, M.A., Director of News Bureau
Mr. Richard F. Scharf, M. S., Director of Placement
Paul A. Williams, M.D., College Physician
Miss Jean Granfield, R.N., Director of Health Service
Miss Rita Murphy, R.N., Assistant Director of Health Service
Miss Helen Skinner, M.S., Dietician
Miss Margaret Witte, B.S. in L.S., Circulation-Reference Librarian
Mr. Edward Dwyer, M.A., Coach
Mr. James H. Holstein, B.S., Coach
Mr. Rudolph L. Volz, Jr., A.B., Secretary of Alumni Association

FACULTY

Very Reverend Raphael H. Gross, C.PP.S., A.M., Ph.D., President
1941* — Professor of English. A.M., University of Michigan, 1941; Ph.D., University of Montreal, 1952. Appointed President, 1951.

John A. Abraham, M.A., Ph.D.
1959 — Assistant Professor of English; M.A., University of Wisconsin, 1950; Oxford U. (England), 1954-55; Ph.D. 1959, U. of Wisconsin.

Reverend Donald L. Ballman, C.PP.S., M.S., Ph.D.
1956—Assistant Professor in Geology. M.S., University of Illinois, 1956; Ph.D., 1959 *ibid.*

Reverend Charles H. Banet, C.PP.S., A.M.L.S., Librarian
1952 — Associate Professor, A.M.L.S., University of Michigan, 1951; *ibid.*, 1951-1952.

Jay Barton II, A.M., Ph.D.**
1955 — Associate Professor of Biology. A.M., University of Missouri, 1948; Ph.D., *ibid.*, 1951.

Reverend Rudolph P. Bierberg, C.PP.S., S.T.L., S.T.D., Assistant Academic Dean,
Chairman, Division of Religion and Philosophy
1958 — Associate Professor of Religion, S.T.L., Catholic University of America, 1941; S.T.D., *ibid.*, 1943.

* The first date indicates the year of appointment to Saint Joseph's.

**Absent on Sabbatical Leave, Copenhagen, Denmark.

Reverend Ralph C. Bushell, C.PP.S., B.S. in Ed.

1960—Instructor in Education. B.S. in Ed., Marian College, 1954.

Ralph M. Cappuccilli, A.M.

1948—Associate Professor of Speech. A.M., University of Michigan, 1951, Purdue University, Summers, 1958, 1959.

Reverend Raymond M. Cera, C.PP.S., M.A.

1948—Associate Professor of Spanish. M.A., Saint John's University, Brooklyn, 1951.

Joseph M. Curran, M.A., Ph.D.

1961—Instructor in History. M.A., University of Chicago, 1955; University of Wisconsin, 1955-56; Fulbright Scholar at Queen's University, Ireland, 1958-59; Ph.D., University of Chicago, 1959

Hugh P. Cowdin, M.A.

1956—Assistant Professor in Journalism. M.A., Marquette University, 1959.

Michael E. Davis, M. S.

1952—Associate Professor of Geology, M.S., Kansas State University, 1951.

John A. Delehanty, M. A., Ph.D.

1960—Instructor in Economics. M.A., University of Miami, 1956; Ph.D., Indiana University, 1960.

Reverend Aloys H. Dirksen, C.PP.S., S.T.D., President, 1938-44.

1960—Professor of Religion. S.T.L., *ibid.*, 1929; S.T.D., *ibid.* 1932.

Reverend Cletus F. Dirksen, C.PP.S., Ph.D.

1960—Associate Professor of Political Science. M.A., Catholic University of America 1941; Ph.D., University of Notre Dame, 1947.

Reverend Boniface R. Dreiling, C.PP.S., M.S.

1940—Associate Professor of Physics. M.S., Catholic University of America, 1940; University of Chicago, 1943-1946.

Reverend Marcellus M. Dreiling, C.PP.S., M.S.

1939—Associate Professor of Mathematics. M.S., Catholic University of America, 1939.

Reverend Alvin W. Druhman, C.PP.S., M.A., Ph.D., Chairman, Division of Humanities.

1948—Associate Professor of English. M.A., Saint John's University, Brooklyn, 1950; Ph.D., *ibid.*, 1952.

Francis X. Duggan, M.A., Ph.D.

1958—Assistant Professor of English; M.A., University of Pennsylvania, 1950; Ph.D., *ibid.*, 1960.

Edward Dwyer, M.A.

1959—Instructor in Physical Education. M.A., Purdue University, 1959.

Reverend William L. Eilerman, C.PP.S., M.S., Treasurer.

1954—Assistant Professor in Accounting. M.S., Saint Louis University, 1959.

Reverend Rufus H. Esser, C.PP.S., M.A., Secretary, President, 1937-38.

1925—Professor of English. M.A., Catholic University of America, 1927; Indiana University, Summers, 1930, 1931.

James T. Farrell, M.A.

1956—Assistant Professor of English. M.A., Marquette University, 1950; Ph.D. (Cand.), Indiana University.

Reverend Aloys H. Feldhaus, C.PP.S., J.C.L., J.C.D.

1954—Professor of Religion. J.C.L., Catholic University of America, 1926; J.C.D., *ibid.*, 1927.

10 SAINT JOSEPH'S COLLEGE

Richard J. Flynn, B.S., M.B.A., C.P.A.

1959 — Instructor in Accounting. B.S., St. Joseph's College, 1957; M.B.A., Chicago University, 1958; C.P.A., University of Illinois, 1959.

Louis C. Gatto, M.A.

1956 — Assistant Professor of English. University of Minnesota, 1950-1951; DePaul University, 1953-1955; M.A., *ibid.*, 1956; Ph.D. (Cand.), Loyola University.

Reverend Dominic B. Gerlach, C.P.P.S., M.A.

1952 — Associate Professor of History. M.A., Saint Louis University, 1952; University of Michigan, Summer, 1956.

Reverend Norman L. Heckman, C.P.P.S., A.M.

1940 — Associate Professor of Chemistry. University of Wisconsin, 1943-1944; A.M., Indiana University, 1947.

Reverend Lawrence F. Heiman, C.P.P.S., M.A., L.G.C., M.G.E., Chairman, Department of Music.

1943 — Associate Professor of Music. M.A., Catholic University of America, 1949; Marquette University, Summer, 1950; L.G.C., Pontifical Institute of Sacred Music, Rome, 1958; M.G.E., *ibid.*, 1959.

Reverend Joseph A. Hiller, C.P.P.S., M.A., Ph.D.

1933 — Professor of German. M.A., Catholic University of America, 1932; University of Cincinnati, 1935-1937; Ph.D., Catholic University of America, 1940.

Bryce J. Jones, M.S., Ph.D., Chairman, Division of Business and Economics.

1955 — Associate Professor of Economics. M.S., Saint Louis University, 1951; Ph.D., *ibid.*, 1955; Ford Foundation Faculty Research Seminar, University of Michigan, Summer, 1960.

Reverend Edwin G. Kaiser, C.P.P.S., S.T.D.

1944 — Professor of Religion. S.T.D., Saint John Lateran, 1923; Gregorianum University, 1923-1924; Saint Louis University, Summer, 1947.

Paul E. Kelly, A.M.

1950 — Associate Professor of Marketing. A.M., Colorado State College, 1941; Ford Foundation Fellowship, Indiana University, Summer, 1959.

Reverend Joseph B. Kenkel, C.P.P.S., Ph.D., President, 1928-37.

1922 — Professor of Economics. Ph.D., Catholic University of America, 1922.

Reverend Cletus G. Kern, C.P.P.S., M.A.

1940 — Associate Professor of Philosophy. M.A., Catholic University of America, 1938.

Richard L. Kilmer, M.A., Chairman, Division of Social Science.

1953 — Associate Professor of History. M.A., University of Notre Dame, 1947; Ph.D. (Cand), *ibid.*

Reverend John R. Klopke, C.P.P.S., M.A., Ph.D.

1955 — Assistant Professor in Philosophy. M.A., Fordham University, 1955; Ph.D., University of Toronto, 1961.

Reverend Leonard J. Kostka, C.P.P.S., J.C.L.

1948 — Associate Professor of Religion. J.C.L., Catholic University of America, 1942; Seton Hall University, Summer, 1948; Saint Louis University, Summer, 1954.

Stanley J. Koziol, M.B.A.

1960—Instructor in Accounting. M.B.A., Northwestern University, 1960.

Reverend William Kramer, C.PP.S., L.Sc.N., Sc.D.

1953—Associate Professor of Chemistry. L.Sc.N., University of Fribourg, Switzerland, 1951; Sc.D., *ibid.*, 1952.

Robert J. Kreyche, M.A., Ph.D., Chairman, Department of Philosophy

1956—Professor of Philosophy. M.A., Catholic University of America, 1942; Ph.D., University of Ottawa, 1951.

Reverend Clarence J. Kroeckel, C.PP.S., M.S.

1938 — Professor of Biology. M.S., Catholic University of America, 1938; University of Chicago, Summer, 1944; University of Notre Dame, 1945-1948.

Reverend Clement J. Kuhns, C.PP.S., M.A.

1948 — Associate Professor of Classical Languages. M.A., Catholic University of America, 1952.

Reverend Joseph A. Lazur, C.PP.S., A.B., S.T.L.

1960—Instructor in Religion. A.B., University of Dayton, 1952; S.T.L., Laval University, 1961.

Reverend Robert F. Lechner, C.PP.S., Ph.D.

1946—Professor of Philosophy. Ph.D., University of Fribourg, Switzerland, 1950.

Adam, P. Lesinsky, M.M.

1958 — Associate Professor of Music. M.M., American Conservatory of Music, 1944.

Reverend George J. Lubeley, C.PP.S., S.T.L.

1954 — Assistant Professor of Religion. S.T.L., University of Fribourg, Switzerland, 1947; S.T.D. (Cand.), University of Ottawa.

Reverend Ernest A. Lucas, C.PP.S., M.A., Chairman, Division of Education.

1952—Associate Professor of Education. M.A., University of Notre Dame, 1953.

Reverend Gerard A. Lutkemeier, C.PP.S., B.S. in L.S., Assistant Librarian.

1937 — Assistant Professor. B.S. in L.S., Catholic University of America, 1946.

Patrick J. Lynch, M.S.

1960—Instructor in Economics and Finance. M.S., Purdue University, 1961.

Daniel D. Lyons, M.A.*

1958 — Instructor in Philosophy. M.A., Dominican College of St. Thomas, 1959.

Reverend Edward P. McCarthy, C.PP.S., M.A.

1958—Associate Professor of Philosophy. M.A., Catholic University of America, 1945.

Ralph A. Marini, M.B.A.

1960 — Instructor in Business Administration, M.B.A., Marquette University, 1960.

Brother John A. Marling, C.PP.S., B.S.

1938 — Associate Professor of Mathematics. B.S., Saint Joseph's College, 1938; Catholic University of America, Summer, 1938; John Carroll University, Summer, 1951.

Reverend Henry J. Martin, C.PP.S., M.S., Ed.D., Director of Calumet Center

1940 — Associate Professor of Education. M.S., Indiana University, 1945; Ed.D., *ibid.*, 1950.

*Absent on Leave.

12 SAINT JOSEPH'S COLLEGE

Reverend Edward A. Maziarz, C.PP.S., M.A., M.S., Ph.D., Dean

1942 — Professor of Philosophy. M.A., Catholic University of America, 1941; M.S., University of Michigan, 1945; University of Virginia, Summer, 1945; Laval University, Summer, 1947; Ph.D., University of Ottawa, 1949; National Science Foundation Fellowship, American University, Summer, 1959.

Reverend Bernard J. Meiring, C.PP.S., M.A.*

1957 — Instructor in Education. M.A., University of Detroit, 1957.

R. W. Morell, M.B.A., Ph.D., Chairman, Department of Business Administration

1959—Professor of Management, Northwestern University, 1946; Loyola University (Chicago), 1947; M.B.A., University of Chicago, 1950; Ph.D., St. Louis University, 1957.

Reverend Carl Nieset, C.PP.S., M.S.

1937—Associate Professor of Geology. M.S., Catholic University of America, 1936; Purdue University, Summer, 1937; University of Texas, Summer, 1943.

James A. O'Brien, M.A.

1960—Instructor in English. M.A., University of Cincinnati, 1960.

Reverend Aloysius F. O'Dell, C.PP.S., S.T.L.*

1957—Instructor in Religion. S.T.L., University of Montreal, 1957.

Reverend Joseph A. Otte, C.PP.S., M.B.A., Chairman, Department of Accounting

1942—Associate Professor of Accounting. M.B.A., University of Michigan, 1942.

John M. Phelps, M.A.

1958 — Assistant Professor of Politics. M.A., University of Chicago, 1949. Ph.D. (Cand.), *ibid.*

Howard J. Phillips, M.A.

1958 — Assistant Professor of History, M.A., Yale University, 1954; Ph.D. (Cand.), University of Notre Dame.

Donald L. Prullage, M.A.

1958 — Instructor in Mathematics. M.A., University of Wisconsin, 1958.

Bernard E. Qubeck, M. Mus. Ed.

1956—Assistant Professor in Music. B. Mus., Roosevelt University, 1948; Indiana University, Summer, 1947; M. Mus. Ed., The Chicago Musical College of Roosevelt University, 1959.

Reverend Ernest W. Ranly, C.PP.S., M.A.*

1956 — Instructor in Philosophy. M.A., Saint Louis University, 1958.

Reverend Charles J. Robbins, C.PP.S., M.A., Registrar

1940 — Associate Professor of Classical Languages. M.A., Catholic University of America, 1945.

Reverend Edward M. Roof, C.PP.S., M.A.

1929 — Associate Professor of Latin. M.A., Catholic University of America, 1931.

Reverend Charles R. Rueve, C.PP.S., M.S., Chairman, Department of Mathematics

1946—Associate Professor of Mathematics. M.S., University of Notre Dame, 1949; Ph.D. (Cand.) *ibid.*

Reverend Ambrose A. Ruschau, C.PP.S., M.S.

1955 — Assistant Professor of Physics. M.S., Saint Louis University, 1956.

Martin D. Ryan, M.A.

1959—Instructor in Sociology; M.A., Purdue University, 1961.

* Absent on Leave.

Richard F. Scharf, M.S. in P.Ed.

1940 — Associate Professor of Physical Education. M.S. in P.Ed., Indiana University, 1949; H.S.D., (Cand.), *ibid.*

Reverend Donald F. Shea, C.PP.S., A.M., Ph.D.

1947—Associate Professor of History. A.M., University of Michigan, 1947; Ph.D., Loyola University, 1956; Harvard University, Summer, 1959.

Robert W. Shemky, M.S.

1956 — Instructor in Physical Education. M.S., University of Michigan, 1955.

Reverend Urban J. Siegrist, C.PP.S., M.S., Ph.D., Chairman, Div. of Natural Sciences

1936 — Professor of Biology, Director of the Institutum Divi Thomae Research Station. M.S., Catholic University of America, 1936; Ph.D., Institutum Divi Thomae., 1958.

Reverend Joseph A. Smolar, C.PP.S., M.S., A.M.

1945 — Associate Professor of Biology. M.S. Institutum Divi Thomae, 1945; A.M., Indiana University, 1950.

Reverend Cyril R. Sutter, C.PP.S., M.A., M.S. in Ed., Ph.D.

1960 — Instructor in Psychology. M.A., Fordham University, 1956; M.S. in Ed., *ibid.*, 1958; Ph.D., 1961.

Paul C. Tonner, B.Mus., Litt.D.

1918 — Professor of Music. B.Mus., University Extension Conservatory, Chicago, 1931; Van Der Cook Music Conservatory, Summer, 1949; Litt.D., Saint Joseph's College, 1958.

Willard G. Walsh, M.F.A.

1954 — Assistant Professor of Speech. M.F.A., Fordham University, 1949; Certificate, American Academy of Dramatic Arts, 1953.

Reverend Paul E. Wellman, C.PP.S., B.A.

1957 — Instructor in Finance. M.B.A. (Cand.), Marquette University.

Reverend Paul R. White, C.PP.S., M.A.*

1956—Assistant Professor of Economics. University of Michigan, Summer, 1955; M.A., Catholic University of America, 1956.

Mrs. Lucille Winters, M.S.

1961—Instructtor in Elementary Education. M.S., Indiana State Teachers College, 1941.

Reverend Albert A. Wuest, C.PP.S., M.S.

1934—Associate Professor of Chemistry. M.S., Catholic University of America, 1933.

*Absent on Leave.

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PART - TIME FACULTY

Mrs. Ralph Cappuccilli, A.M.

1960—Instructor in Spanish. A.M., University of Toledo, 1951.

Mrs. Donald Prullage, M.A.

1958—Instructor in Mathematics. M.A., University of Wisconsin, 1958.

John L. Richert, LL.B.

1960—Instructor in Business Administration. LL.B., Valparaiso University, 1960; Member of the Indiana Bar.

Miss Florence A. Spuehler, M.A.E.

1960—Instructor in Art. B.A.E. Art Institute of Chicago, 1951; M.A.E. Art Institute of Chicago, 1953.

PURPOSE AND AIMS

Saint Joseph's College is an independent institution of higher learning dedicated to being a community of scholars — teachers and students — working in mutual association under the leadership and direction of its teachers, towards the spread, preservation, clarification, discovery and defense of truth. Whether the truths of the science, arts and skills be viewed as revealed or acquired, as speculative or practical, as moral or artistic, the dedication to these truths and the search for them is the primary purpose of Saint Joseph's. The academic and the general policies and procedures of the college as well as the relationship of Saint Joseph's to its public are conceived and carried out in terms of this basic purpose.

At the same time, Saint Joseph's College also recognizes that it exists in the larger context of society, and that its faculty and students have definite relations and obligations to the family, the state and the Catholic Church, as well as to various other societies representing industry, business, labor, health and recreation. For this reason, the College adopts as its own those aims toward which the family, state, Church and other societies are directed.

Foremost among these aims which the College actively provides for and promotes is that goodness of personal, family, social and religious life made possible by practice of the theological and moral virtues. In this respect, the College again maintains that both faculty and students can understand better what they must be and what they must do in the city of man so as to attain their sublime end in the city of God, by means of fulfilling their calling in life as witnesses to truth.

The College adopts and proposes to its faculty and students other worthy aims which are required and helpful to them in seeking and in striving for goodness of life. Among these are the need for observing social justice as well as of pursuing individual rights, the importance of fulfilling one's vocation in life, and the need of discipline, of recreation and of mental and physical health. But it is the belief of Saint Joseph's College that no matter how worthwhile these

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aims are, they can be more surely achieved to the extent that teacher and student are dedicated to their proper purpose, truth.

Moreover, the College believes in truth for our age and times. It places its emphasis on the truths of the sciences, arts and skills with which it is concerned and chooses its curriculum in terms of the problems, questions and needs of the time in which it lives. Saint Joseph's College is convinced that any and all of the truths which it considers—whatever they may be—are to be sought for their own sake primarily; for it is only in this way that they can lead to goodness of life, further the good of family, state and Church, and be of value to industry, business and all human endeavors.

In conclusion, the primary consideration and concern of the College is for the academic community of teachers and students, to whom it offers a permanent vocation as witnesses to truth. The library, the counselling of students, the social, recreational and physical facilities, the classrooms and laboratories—all are viewed as means and as conditions contributing towards its main purpose, truth.

COLLEGE HISTORY AND CAMPUS

HISTORICAL SKETCH

In 1868, a frame dwelling was erected a mile south of Rensselaer as a home for thirty-five orphans. The home was closed in 1887. Two years later, the Most Reverend Joseph Dwenger, bishop of the Diocese of Fort Wayne, offered the vacant orphans' home and the land to Father Henry Drees, then Provincial of the Society of the Precious Blood, with the stipulation that a college be founded there. During the same year, 1889, Saint Joseph's College was incorporated under the laws of the State of Indiana with the right to grant the usual degrees.

With the coming of summer, 1891, the first building, now the southern half of the Administration Building, was finished, and the first students were enrolled. In 1893 the building was extended to its present proportions.

Education at early Saint Joseph's was on two distinct levels, the high school and the junior college. The aim was to prepare students for professional schools and seminaries, for teaching, and for immediate entry into business. The new college passed its first major landmark June 16, 1896, when it presented diplomas to twelve students, its first class of graduates.

The original aims of Saint Joseph's changed little up to 1925. At that time the college was converted into a minor seminary, and for a period of six years admitted only students preparing for the priesthood. The status of academy and junior college was re-established in 1931, and plans for the expansion of the school were formulated. Saint Joseph's began to operate as a senior college in 1936, and in June, 1938, its first class of four-year men was graduated.

Principal buildings on the campus at that time were the Chapel, Administration Building, Gaspar Hall, Dwenger Hall, Science Hall, Drexel Hall, and the Power Plant. A building program was launched in the summer of 1939, and between that year and 1941 were erected Seifert Hall, Merlini Hall, Xavier Hall, and the Fieldhouse.

The program of expansion was cut short by the war and was not resumed until the summer of 1946 when extensive work was done on the Cafeteria, Fieldhouse, Library, and Publications Building. In 1956, Bennett and Noll Halls were completed; in 1958, Gallagher and Halas Halls.

Since its founding in 1889, Saint Joseph's has had the following twelve presidents: The Very Revs. Augustine Seifert, Benedict Boebner, Hugo Lear, Ignatius Wagner, Didacus Brackman, Joseph Kenkel, Rufus Esser, Cyril Knue, Aloys Dirksen, Henry Lucks, Alfred Zanolar, and Raphael Gross.

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CAMPUS AND BUILDINGS

One hundred and thirty acres have been laid out in parks, lawns, and campus. Dotting the campus are fourteen buildings designed to serve the educational needs of Saint Joseph's students.

The Administration Building is centrally located near the main entrance to the campus. The first floor houses the offices of administration. The second and third floors afford residence for clerical members of the faculty.

The Chapel, dedicated in May, 1910, is the most imposing edifice on the campus. It is an attractive brick and stone structure in the Romanesque style of architecture. Its large sanctuary provides ample room for the proper observance of the beautiful solemn ceremonies of the Church. Beneath the chapel is the cafeteria. Renovated in the summer of 1946, this large hall accommodates Saint Joseph's students in bright and cheerful surroundings.

Gaspar Hall, one of the oldest buildings on the campus and formerly a faculty residence, houses approximately fifty students. It is named in honor of the founder of the Society of the Precious Blood, Saint Gaspar del Bufalo.

Dwenger Hall, named for the second bishop of the Diocese of Fort Wayne, serves as an infirmary and dispensary. It was erected during the summer of 1907.

Drexel Hall was at one time used as a school for Indians. Renovated in 1937, the three-story structure accommodates one hundred and twenty students. It is named after Mother Catherine Drexel who provided funds for its erection.

Xavier Hall, dedicated to Saint Francis Xavier, patron of the Society of the Precious Blood, is the residence of the students who are preparing for the priesthood in the Society. It was erected in the fall of 1940.

Seifert Hall, residence hall for sophomores, was finished in 1939. It was named for Saint Joseph's first president, the Very Reverend Augustine Seifert, C.P.P.S. The hall accommodates one hundred and fifty students.

Merlini Hall was dedicated in the fall of 1940. It has been named after the Venerable John Merlini, the Third Moderator-General of the Society of the Precious Blood. It accommodates ninety students.

Noll Hall, dedicated in the spring of 1955, is named after the Most Reverend John F. Noll, Bishop of Fort Wayne, an alumnus and generous patron of the college. It houses ninety-eight students.

Bennett Hall, dedicated in the spring of 1955, is named after the Most Reverend John G. Bennett, first Bishop of Lafayette in Indiana, an alumnus and generous patron of the college. It houses ninety-eight students.

Gallagher Hall, dedicated in the fall of 1958, is named after Robert A. Gallagher, First Chairman of the Saint Joseph's College Board of Lay Trustees and a generous patron of the College. It houses 120 students.

Halas Hall, dedicated in the fall of 1958, is named after George S. Halas, a member of the Board of Lay Trustees and a generous patron of the College. It houses 120 students.

Aquinas Hall, opened in the Fall of 1959, is named after St. Thomas Aquinas. It houses 46 students.

The **Science-Library Building** consists of a north-south wing, completed in 1915, and an east-west wing, added in 1936. The former houses the music department, the auditorium, and the library. The new wing is devoted to classroom space, physics, chemistry, biology, geology, and special research laboratories.

The **Publications Building** is a former power plant which was completely renovated in 1946 to provide space for offices of the various campus publications. In addition it houses the offices of the Saint Joseph's College Alumni Association.

The **Fieldhouse** was erected in 1940. Changes made in 1946 have provided seating for two thousand spectators and locker space for some five hundred participants in the sports program.

The **Raleigh Recreation Hall**, located near the Fieldhouse, was erected in 1947. This building is furnished with a spacious lounge, soda fountain, billiard and pool tables, and card and game rooms.

The Library. The library is a vital part of the institution's educational program. It attempts not only to implement and extend class instruction by stimulating study and research, but also to supply such recreational reading material as will foster a love for good books and cultural reading generally.

The library, greatly enlarged and refurnished in 1946, is centrally located, convenient to classrooms and residence halls. In its

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new location it comprises over eighteen thousand square feet of floor space, sufficient to seat two hundred students and to accommodate more than one hundred thousand volumes. Though the entire library was planned to be functional, it provides an atmosphere of quiet, simple beauty. Here in well-lighted rooms, conducive to study, the students will find selected material for research and for leisure-time reading. Near the circulation desk and reference room is the reference librarian's desk, where a trained librarian is ready to help the student on a research project or to give him guidance in a reading program.

On the main floor, besides the reference room and current periodicals room, is a special reading room where the student has access to collections of the "great books" of all ages.

For the student's convenience there is a room set aside for typing and for microfilm reading. Two conference rooms are also provided on the main floor where small classes may use extensive library material as part of their class work. These rooms are available to groups of students working together on some project requiring cooperative use of library materials. In the lower stack area there are forty-five carrels which provide the student with an individual study desk located near a large, selected group of bound periodicals and journals.

The library has over eighty thousand books and bound periodicals. There is also a large collection of Government documents. Over seven hundred periodicals are currently received. In vertical files, in the reference room, there is a selected group of pamphlets and a separate collection of vocational guidance material.

Special instruction in the use of the library forms an important part of the orientation program during freshman week. This systematic introduction to the resources of the library is continued throughout the first semester so that students in every department may obtain immediate library efficiency for their college work and may retain a life-long acquaintance with library tools.

The College Community Association. This association, a community project for College families, was formally approved and incorporated under the laws of Indiana, December 14, 1956. The College has backed this project with the aid of the 1955 Ford Faculty Grant and has made available a 25 acre wooded area for homes. The membership corporation controlling the project has the following Officers: Dr. Jay Barton, President; Mr. Bernard E. Qubeck, Vice-President; Dr. Richard F. Scharf, Secretary-Treasurer.

Laboratory Facilities. Science Hall houses the laboratory facilities for the Departments of Biology, Chemistry, Geology, and Physics.

The biology laboratories, situated on the second floor of Science Hall, provide up-to-date equipment for courses in fundamental zoology and botany, microtechnique, microbiology, embryology, histology, comparative vertebrate anatomy, human anatomy, and physiology.

On the third floor of Science Hall are well-equipped laboratories for the use of students of general inorganic and organic chemistry, biochemistry, quantitative and qualitative analysis, and physical chemistry. In addition, there is a large demonstration laboratory.

Geology laboratories, adequate for courses in physical geology, historical geology, mineralogy, petrology, paleontology, photogeology, subsurface geology, stratigraphy, and economic geology are found on the basement level in Science Hall.

Through arrangements with the Sisters of St. Joseph the Geology Department conducts an annual six-week field course from its headquarters at St. Mary Academy, Silver City, New Mexico. Students from schools other than St. Joseph's also attend the course.

The physics laboratories, also situated on the basement level in Science Hall, are equipped for courses in general college physics, electricity and magnetism, physical optics, meteorology, physics of radiology, modern physics, heat, electronics, and radio.

Research. In September of 1946, Father Urban J. Siegrist began special research work in connection with the Institutum Divi Thomae, which was founded in 1928 by the Most Reverend John T. McNicholas, O.P., S.T.M., Archbishop of Cincinnati.

A laboratory for research in cellular physiology was built in 1955 under the direction of Doctor Jay Barton who is currently investigating the chemistry and physiology of all nuclei.

Music Department. Saint Joseph's has long recognized the value of music and its contribution to a liberal education. The College seeks to give every student an opportunity for musical expression according to his talent or inclination. In addition to the courses in musical theory, instruction in applied music is available in voice, piano, organ, and all band and orchestral instruments. Students with previous training and experience are urged to join the band, orchestra, or glee club.

Music Conservatory. Staffed by members of the music faculty, the conservatory offers a program of musical instruction without credit. Applications are not limited to currently enrolled students of the college. There are no specific requirements for admission. Enrollment may be made at any time for private lessons or for class work.

S T U D E N T P E R S O N N E L S E R V I C E S

STUDENT GUIDANCE

Orientation Program. At the opening of the fall semester, the College conducts an orientation program for all new students. Faculty members act as counselors and assist new students in planning their programs for the first semester. In meetings held during the week, the student learns about Saint Joseph's—its traditions, equipment, regulations, and opportunities.

It is the purpose of the College to make the activities of orientation week as interesting and helpful as possible, so that by the time classes begin the new students are settled and are acquainted with the campus, the faculty, and classmates.

The Testing Program. Students entering Saint Joseph's take orientation tests in various fields, the results of which are used chiefly to give the counselor information needed in planning wisely the educational program of his counselees.

Other tests required of all students, in addition to those prescribed by the instructors in the classes, are the Senior Comprehensive Examinations, and the Graduate Record Examination, which the student takes prior to graduation. Results of these tests are used to check the student's progress and to compare the achievement of Saint Joseph's students with that of students of other colleges.

Counseling. The Director of Guidance assigns to each freshman a member of the faculty to act as his advisor in educational, vocational, and personal matters. Students above the freshman level are permitted to select their own counselors from a list prepared by the Director of Guidance.

Each faculty counselor has access to grades, test results, health record, and other pertinent information on his counselees so that he may be better acquainted with their individual problems.

Religious Exercises. The forming of a true Christian character in the student is the highest aim in education. This happy result can be attained only through religion. The student, therefore, should prize the knowledge and love of religion as his richest possession, and he should be eager to do his part in helping to create and to maintain a religious atmosphere in the daily life on the campus.

All Catholic students are required to make the annual student retreat and are urged to attend daily Mass and Benediction as also the various devotions. Opportunity for confession is available daily.

The program of religious exercises is arranged by the Chaplain, who is likewise available for consultation on matters of religious observance.

Health Service. The In-Patient and Out-Patient sections of the Health Service are under the supervision of two Registered Nurses. The College Physician has regular hours at the Health Service three days a week and is, also, available at other times if needed. To insure proper care, quiet, and comfort for sick students, the Health Service is provided with efficient and modern equipment.

At Saint Joseph's, emphasis is placed upon health and physical fitness. All students are required to have a Health Form completed by their family physician attesting to a state of general good health. For the protection of each student now living in a large group every student must have, within 12 months of entrance into College the following: a negative Schick Test (if test is positive Diphtheria Toxoid should be given); vaccination for Smallpox; Tetanus Toxoid; Serology; Urinalysis and Chest x-ray. Polio and Influenza Vaccines are, also, required. These two vaccines are kept on hand at the Health Service at a nominal fee if ensuing doses are required.

Members of the college athletic teams are examined annually by the college physician to insure the physical fitness of all players.

Recreation and Athletics. Recreational activities have been a part of every civilization, and educators, past and present, are in agreement that competitive sports can be helpful in directing the energies of young men into wholesome channels to the end that student health be safeguarded and physical fitness promoted. Inter-collegiate athletics, properly supervised and controlled, contribute to the total educational program of a college.

Saint Joseph's is a member of the Indiana Intercollegiate Athletic Conference. A program of intercollegiate games is provided in football, basketball, baseball, track, golf, bowling, and tennis. In addition, the College also supports a well-developed program of intramural games with the idea that all students should participate in sports and "carry-over" recreational skills useful in a society apparently destined to enjoy increasingly more leisure time.

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Students participating in intramurals are urged to get insurance coverage; the College will not be responsible for injuries incurred in intramural games.

Furthermore, in order to develop leaders in the area of physical education, the College maintains a Department of Physical Education staffed by competent teachers, supported by a curriculum of standard quality, and supplemented by "laboratory" experience provided through its program of intercollegiate and intramural sports. In all forms of recreation and physical development, the spirit of friendly competition is encouraged and the habit of fair play is inculcated.

In its athletic program, Saint Joseph's College is governed by the policies of the North Central Association of Colleges and Secondary Schools and by the rules of the Indiana Intercollegiate Conferences.

Recognizing the excellent athletic and physical training facilities provided by Saint Joseph's, the Chicago Bears of the National Professional Football League have selected the College as their pre-season training site each summer since 1944.

Veterans Assistance. Saint Joseph's College is officially approved as a school for veterans of military service under the provisions of Public Law 550 and 894 for the Korean veteran, and for war orphans under Public Law 634. For further information, those concerned should address the office of the Registrar.

Military Service. Selective Service provides qualified students with various opportunities for deferment, and the College makes special efforts to acquaint its students with these opportunities.

The Selective Service regulations, as they affect students, were written so as to provide young men with an opportunity to attain the highest educational status possible in order that they may be better suited to serve the defense needs of the nation. It is the experience of the College and its students that almost all draft boards agree with this objective and are willing to defer qualified students to enable them to continue their education. A folder outlining current Selective Service regulations as they affect students is available upon request from the College.

While Saint Joseph's does not offer R.O.T.C. programs, students in our accredited College are eligible to enlist in the U.S. Marine Corps Platoon Leaders Class, a program carrying draft deferment until graduation and leading to a commission and active duty in the

Marine Corps. A folder descriptive of the Platoon Leaders Class is available at the College.

Representatives of the various branches of the armed forces periodically visit the campus to acquaint students with the opportunities for specialized service after graduation.

Placement. The College does not regard its work as finished until it has seen its graduates established in suitable employment. A placement bureau is operated by an experienced staff member who advises the student in choosing his first job and, when necessary, assists him in finding employment in his chosen field, both directly and through cooperation with recognized governmental and private employment agencies.

ORGANIZATIONS AND ACTIVITIES

Student Government. All members of the student body of Saint Joseph's College, exclusive of the seminarians of the Society of the Precious Blood, are members of the Student Union and are governed by its constitution. Its student-elected officers, the four class presidents, and the chairman of the intra-club committee comprise the Student Council. The Student Council, or its committees, representing the Student Union, serves as a channel of communication and consultation between the student body and the faculty and administrative officers of the College.

Extracurricular Professional Groups. While the academic life has first claim on the student's time, membership in campus professional-interest groups is heartily encouraged at Saint Joseph's. Such associations enable the student to meet his fellow students and his instructors formally and to learn about his chosen field through group projects, movies, field trips, club meetings, and through contact with prominent men who appear as guest speakers.

Participation in these activities stimulates common professional inclinations, promotes cooperative efforts, and complements the classroom teaching by experiences in group planning.

Included among these professional-interest groups at Saint Joseph's are: the **Accounting Club**; the **Society for Advancement of Management**; the **Future Teachers Club**; the **Law Club**; the **Debating Club**; the **Engineers Club**; the **History Club** for those who take courses in that area; the **Sociology Club**; the **Albertus Magnus Society**, the **Geology**, and the **Biology clubs** for those who are studying the natural sciences.

In the fine arts, Saint Joseph's has long realized the value of dramatic and musical activities in college life; through them the student becomes an active participant in the artistic accomplishment of others.

Students can find an outlet for their dramatic talent in the **Columbian Players**, the College's oldest extracurricular society. Each year the group presents productions, builds its own stage settings, and handles all lighting equipment, under the supervision of an experienced faculty director.

The **Saint Joseph's Glee Club**, composed of students of all classes, appears not only in campus concerts but also in an increasing number of off-campus programs and radio broadcasts. Yearly, the group presents a musicale in conjunction with the chorus from a college for women. The Glee Club also sponsors the annual **Louis F. White Memorial Award**.

The College Choir sings at Mass on Sunday and at various other liturgical functions.

The Band also offers splendid opportunities to the musician. In season, the band appears for outdoor concerts, and plays for athletic contests. The Christmas concert is one of the outstanding musical highlights of the year.

Three campus publications afford students experience in different types of writing. *Stuff* is the campus bi-weekly newspaper. *Measure*, the literary journal, contains longer articles, such as research papers, short stories, plays, essays, poetry, and book reviews. *Phase*, the pictorial yearbook, makes its appearance toward the end of the second semester.

Social Clubs. Social and recreational activities, too, are recognized at Saint Joseph's as necessary for the proper development of the student. Membership in campus clubs and participation in the year's social events are strongly encouraged. Each year various student organizations sponsor dances, highlighted by the fall homecoming celebration and the spring formal prom, in addition to a number of Saturday night "mixers" to which young ladies from colleges for women are invited. Saint Joseph's students also attend functions on the girls' campuses.

Social organizations on the campus include the Monogram Club for varsity lettermen, The Father Falter Veterans Post, the Chicago Club, the Lake County Club, The Camera Club, Chess-Checker Club, Rifle Club, San Jose Railroad Club, Fort Wayne Club, Detroit Club, Northern Ohio Club, Weightlifting Club.

Religious Groups. Several of the extracurricular campus societies have objectives which are primarily religious; the college is affiliated with the National Federation of Catholic College Students.

The Don Bosco Club is for altar boys and for those students who would like to learn to serve at Mass. Daily, about fifty priests offer Mass in the three campus chapels.

The Sanguinist Club is the official campus organization for Catholic Action. Under the club are the Holy Name Society and the Pious Union of the Precious Blood. The Sanguinists assist in the organizing of religious activities at the College.

Affiliated with the Catholic Students' Mission Crusade, the Dwenger Mission Society has as its object the study of home and foreign missions and the promotion of their welfare by prayer, sacrifice, and small fund-raising projects.

SUPERVISION OF STUDENT LIFE

The College assumes that men of college age have an adequate conception of the duties and responsibilities expected of them, and that every student who enters Saint Joseph's thereby indicates his readiness to comply with its rules and regulations. At the same time it recognizes an obligation to both students and parents to provide advisory and supervisory agencies.

In matters pertaining to social life, discipline, curriculum, and scholarship, all students come under the counsel and supervision of the Academic Dean, and the Dean of Students, according to the respective jurisdiction of each office. Matters of health are in charge of the College Physician. Administrative officers, assisted by student-faculty committees, make it their purpose to become familiar with student problems and to secure the observance of adopted policies and faculty regulations.

As a further part of the system of supervision, each residence hall has a Rector and one or more faculty members in residence whose duty it is to counsel students on personal matters.

Discipline. Upon entering, each student is furnished with a Student Handbook in which the specific rules of discipline and other regulations are contained. The Dean of Students is the official representative of the College in matters pertaining to the observance of right order and good citizenship both on and off the campus.

Attendance at Saint Joseph's is a privilege and not a right, and it is understood that this privilege may be withdrawn from anyone who does not conform to the traditions and regulations of the College. Every effort is made to encourage the student toward self-government in accordance with the ideals of obedience, honesty, courtesy, and charity. When, however, a student manifests an inability or unwillingness to cooperate with the College in maintaining its regulations and policies he subjects himself to disciplinary action. Matters of discipline are handled by the Dean of Students and the Committee on Discipline. The jurisdiction of the Committee includes cases of dishonesty, intoxication, immoral or improper conduct, serious violation of campus regulations, or behavior prejudicial to the welfare of the student or the best interests of the College. The penalties imposed by the Committee on Discipline may be probation, suspension, dismissal, or other action they may deem advisable.

Leave of Absence. Permission to leave the campus overnight, or for a longer period of time, must be requested from the Dean of Students. Freshmen may secure weekend permissions once every four weeks. Regarding town night, freshmen are generally permitted Saturday and Sunday night until 11:30. They may visit Rensselaer during the day without special permission, but must be on campus by 9:00 p.m., except on town nights.

Sickness. Any student requiring the services of the infirmarian should present himself at the Health Center in Dwenger Hall during the appointed hours. Emergency cases will, of course, be taken care of at any time. No student will be excused from class on the plea that he was sick unless he has seen the infirmarian before he misses the class. When a student is advised by the infirmarian to remain as a patient, the Dean of Students must be informed.

Study Hours. Freshmen and sophomores are to observe a study period in their rooms from 9:00 to 11:00 p.m., and are to retire not later than 11:30.

Student Rooms. Students will be held accountable for the appearance and condition of their rooms. Occupants will, furthermore, be held responsible for any damage to the room. All necessary repairs due to carelessness will be made at their expense.

Students will be required to furnish all blankets, comforters, bedspreads, sheets, and pillow cases for personal use.

Rooms, most of which are equipped for two men, are furnished with beds and mattresses, chairs, lamps, desks, and clothes lockers.

The use of electrical appliances other than radios, record players, and electric razors is prohibited.

Wardrobe. Students are to dress with reasonable neatness. They should come to college sufficiently supplied with the necessary articles of use and wear. Generally, the wardrobe which a student has at home will be suitable for his purpose at college.

A private agency operates a commercial laundry on the campus and will handle campus laundry at a special rate. Students may avail themselves of this opportunity or have their laundry done at home.

Day-Students. Non-boarding students are admitted to Saint Joseph's provided that during their period of attendance they live either at home or with relatives responsible for them. The College has been able to assist a limited number of married students in locating suitable housing in the city of Rensselaer.

Employment. Students who desire employment on or off the campus as a means of partial self-support should register at the office of the Dean of Students. While the College is in session, resident students may not accept employment off the campus or engage in any business enterprise without the written permission of the Dean of Students. Such permission is also required for canvassing or soliciting money, subscriptions, or donations, on the campus or in the city of Rensselaer.

Automobiles. Juniors and Seniors are permitted to have cars on the campus, but may use them only under the conditions laid down by the Dean of Students. Sophomores may bring cars to the campus only with special permission and for a serious reason. Freshmen are not permitted the use of cars.

Visitors. Parents and relatives of the students are welcome at the College at any time of the year. They are, however, asked to arrange their visits so as not to interfere with the student's class attendance.

EXPENSES AND FEES

Because of uncertain conditions in the financial world, all terms entered into between the College and the students and parents of students concerning expenses are in force for the ensuing year only; they are subject to revision or renewal each year.

Cost Each Semester

Tuition for one semester..... \$335.00

This entitles the student to:

1. Academic instruction and advisory direction.
2. Ordinary medical care and the Health Service.
3. Subscription to campus newspaper, literary journal, and year book.
4. Admission to plays, lectures, concerts, and home athletic events.
5. Use of athletic facilities.

Members of the same family attending simultaneously may make the following reductions from tuition: Second member, 25%, third member 50%. Fourth or more members attending simultaneously will be given free tuition.

Board for one semester \$325.00

This entitles the student to three meals a day, seven days a week, except during scheduled vacation periods.

Residence Hall (Freshmen, Sophomores,

Juniors, Seniors)Two Man Room \$110.00

Drexel Hall (Freshmen)Two Man Room 110.00

Gaspar Hall (Freshmen)Two Man Room 110.00

Dormitory Houses (Sophomores, Juniors, Seniors)

Washburn, White, Scharf (and limited number
of three man rooms) 90.00

Special Fees

Application fee (paid once—at time of application) \$ 3.00

Student Union fee (paid each semester) 10.00

Graduation fee (paid once—Senior year) 20.00

Conditional Fees

Late registration \$ 5.00

Tuition per credit hour above 17 15.00

Tuition per credit hour for day students 22.00

Laboratory Fee for science courses7.50 to 15.00

Music instruction, (applied music): one lesson per week 30.00

Student teaching (Advanced Education students) 20.00

Special and conditional examinations, each2.00 to 5.00

Infirmery, each day 3.00

Transcript of credits (after initial copy) students .50, Alumni 1.00

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FINANCIAL REGULATIONS

Upon acceptance by the admission officer, the student is to make an advance payment of \$25.00. This amount applies to the payment in September.

The fee for tuition, board, room, and the student union fee is due at the beginning of each semester.

For those, however, who wish to budget their payments, the following schedule is suggested:

FIRST SEMESTER:

*\$300.00 at September registration.

\$200.00 on November 10.

Balance on December 10.

SECOND SEMESTER:

\$300.00 at January registration.

\$200.00 on March 10.

Balance on April 10.

*The student may deduct, at this time, the \$25.00 paid at time of acceptance. (Textbooks and laundry service are not included in the above. Textbooks may be purchased on the campus. The average cost is about \$25.00 a semester. Laundry costs and spending money needs vary considerably with the individual student.)

Remittance should be made payable to Saint Joseph's College by bank draft, personal check, or postal money order through the Rensselaer post-office, and mailed to: Office of the Treasurer, Saint Joseph's College, Rensselaer, Indiana.

No student will be permitted to register for either semester until the initial installment, at least, has been paid.

Students whose accounts are not paid within the semester will not be admitted to the semester examinations.

Degrees, transcripts, and letters of honorable separation are withheld from those who have not settled their financial obligations to the College.

Students will be personally responsible for all expenses incurred in Rensselaer, including physician, dentist, and oculist fees.

Books, stationery, and other articles may be purchased at the College Book Store.

Students will be required to furnish all blankets, comforters, bedspreads, sheets, and pillow cases for personal use.

Charges will be made for damages to property; for medicine, applications, special nursing, and physician's services when required at the local Health Center.

Bank. For the convenience and education of the student, the College operates a private banking system. The student may deposit and withdraw from his account at will. Through this convenience he will learn to handle his funds with discretion and foresight.

Refund Policy. Students who withdraw before the end of the semester will be charged for room and board at the rate of \$3.00 for each day, no refund allowance being made for incidental absences. They will be charged for tuition and fees on the following percentage basis:

One week or less, 20%; between one and two weeks, 20%; between two and three weeks, 40%; between three and four weeks, 60%; between four and five weeks, 80%; over five weeks, 100%.

STUDENT AID

Students who need financial aid and meet the requirements of the various programs may avail themselves of the Academic Scholarship, Grant-in-Aid, and Student Employment programs. The College expects that all students who need aid will also help themselves through gainful employment during the summer months and at Christmas time.

Academic Scholarships. Saint Joseph's College annually offers \$20,000.00 in academic scholarships to worthy and needy high school seniors. The scholarships are awarded on the basis of academic achievement and promise as determined by the student's high school record and his scores on the College Entrance Examination Board Tests. (Scores of the Scholarship Qualifying Test taken in October for the Scholarship Testing Program of Indiana Colleges and Universities may be substituted for Indiana high school seniors. Scores of this same test may be substituted for seniors who take the test in October in other states. Seniors should request that the scores of the test be sent to Saint Joseph's College.) The amount of the scholarship is based on the student's financial needs as determined by the College in cooperation with the College Scholarship Service. While the amount of the scholarship will vary with financial need, it will never exceed \$500.00 a semester.

Steps In Applying For A Scholarship. Students should follow this procedure:

1. Obtain Scholarship Application Form by writing to the Admissions Counselor, Saint Joseph's College, Collegeville, Indiana.
2. Fill out Scholarship Application Form and mail to the Admissions Counselor.
3. Have High School Principal send directly to the Registrar at Saint Joseph's College the transcript of High School record.
4. Take College Entrance Examination Board Tests as described below. (Or Scholarship Tests of Indiana Colleges and Universities for Indiana high school seniors).
5. Submit Parents' Confidential Statement to the College Scholarship Service, as described below.

College Entrance Examination Board Tests. All candidates for Academic Scholarships will take the Scholastic Aptitude Test (morning test) of the College Entrance Examination Board, not later than March of the year in which they wish to gain the scholarship. Registration blanks for the test, complete information on the time, place, and nature of the tests can be obtained from either of the two CEEB service centers, namely: College Entrance Examination Board, P.O. Box 592, Princeton, New Jersey, or College Entrance Examination Board, P.O. Box 27896, Los Angeles 27, California. (Results of the test will be sent by the Board to as many colleges as the student desires.)

College Scholarship Service. All academic scholarships to Saint Joseph's College are based on academic ability and financial need. To help in determining the financial need of the student the College uses the College Scholarship Service. The principal instrument of the College Scholarship Service is a confidential form on which the parents of the applicant itemize pertinent family information and financial data. This statement is to be filled out only once by the parents and returned by them to the Service, which then transmits exact copies to those colleges which the parents list on the statement to receive them. The form for this confidential statement is mailed directly from Saint Joseph's College to the student as soon as his application for scholarship has been received by the College.

Announcement of Winners. All necessary material must be on file at Saint Joseph's College not later than May 1. The Scholarship Committee will meet on or about May 1 to determine the winners and the amount of each scholarship. On or about May 15 each candidate will be informed concerning the final action taken on his application.

Renewal of Scholarships. The first scholarship is granted for the freshman year. It is thereafter renewable every semester which the student spends at Saint Joseph's College until he graduates, provided that in the previous semester he has maintained at least a B average. When a student withdraws from the College the scholarship is automatically terminated and cannot be renewed except by special action of the Scholarship Committee.

General Scholarships. A limited number of scholarship grants of varying amounts are also available to sophomores, juniors, and seniors who give evidence of outstanding scholarly attitudes and attainments, and who establish the fact that they need financial assistance to continue in college.

All scholarship awards are made for one semester, but will be renewed for succeeding semesters provided the recipient continues as a student in good standing at Saint Joseph's and has maintained the required scholastic index which will ordinarily be interpreted to mean a general average of B grade.

These scholarships are made possible through the generosity of alumni, trustees, and other friends of the College, and through the following endowed funds.

Endowed Scholarships

The Saint Elizabeth Foundation. A fund established by Mrs. Elizabeth Mullen. The income from \$5,000 is available for a pre-theology student, preferably from St. Patrick's Parish, Kokomo, Indiana.

The Monsignor O'Keefe Scholarship. The sum of \$300 is available each year for a student or students designated by the pastor of St. Mary's Church, Akron, Ohio.

The Monsignor Moore Scholarship. A fund providing for tuition, board, and lodging for a pre-theology student from the Peoria Diocese.

The Michael and Mary Brisch Scholarship. The income from \$5,000 is available to assist in the education of a pre-theology student.

The Father Seifert Scholarship. The income from the Collegeville gravel deposits is available for a student or students selected by the Scholarship Committee.

The Schumacher Family Scholarship. The income from \$12,000 is available for a student or students selected by the Scholarship Committee.

The Henry W. Schmidt Scholarship. A trust fund of \$7,145 to assist students selected by the Scholarship Committee.

The Bishop Leo A. Pursley Scholarship. The sum of \$500 is available each year for a student from the Diocese of Fort Wayne.

Grants-in-Aid. Grants-in-aid are forms of financial assistance available to needy and deserving students to assist them in furthering their education. Those interested should apply to the Dean of Students.

Vocational Rehabilitation. Under the provision of Public Law 565, the federal government and the state jointly provide funds for scholarship grants-in-aid to students who have a physical or mental impairment which constitutes a vocational handicap. The State Vocational Rehabilitation Division is responsible for the determination of the grants. In Saint Joseph's College the Registrar's Office accepts referrals for applications. The grants pay tuition and some fees.

Student Loan Fund. The student loan fund exists for the benefit of students who are unable to meet their current expenses. Applications are made at the Office of the Dean of Students. Approval of parents or guardians is required before a loan will be granted.

Employment. Among those who attend the College, some may find it necessary and expedient to contribute to their own support through employment. The student should bear in mind that gainful occupation is an activity subservient to his academic life. He should not center his attention upon anything that will detract from his scholastic progress. It is particularly difficult for the first-year student to work for self-support and carry a normal class load at the same time. He needs his time to make the necessary adjustments and to do his regular college work satisfactorily. It is doubtful whether any student should enter college without sufficient funds to defray all expenses for at least the first semester.

For those who can maintain the required scholastic average besides performing some gainful tasks, a limited number of self-aid projects are available. There are a few calls for clerical and laboratory assistants, but most openings for employment are for janitorial and dining-hall jobs. Assignments are made on the basis of financial need, academic record, and probable success in performing the duties assigned. Applications for campus employment should be filed in the office of the Dean of Students.

Resident students may not accept employment off the campus or engage in any business enterprise during the time that the College is in session without the written permission of the Dean of Students.

ACADEMIC POLICIES AND PROCEDURES

The provisions of this Catalogue represent adopted policies and current practices, but are not to be regarded as an irrevocable contract between the College and the student. The College reserves the right to change provisions or requirements and to fix the time when such changes shall become effective.

Admission. All correspondence relating to admission should be addressed to the Office of the Registrar, Saint Joseph's College, Collegeville, Indiana. Application for admission should be filed as early as possible, and all credentials should be in the hands of the Registrar at least three weeks before the opening of the school term. Application forms will be sent upon request. An application fee of \$3.00, not refundable and not applicable to other charges, must accompany the application. All credentials submitted as part of the admission procedure become the property of the College.

General Requirements For Admission. All applicants shall comply with the following requirements:

1. Application form filled out completely by the applicant.
2. Official transcript of credits from all high schools and colleges previously attended, mailed directly from the schools to the Registrar.
3. Evidence of good health and proper immunization provided on an official medical certificate form supplied by the Registrar after an application has been approved.
4. Notification of acceptance from the Registrar. Final action in each case is based upon satisfactory evidence of moral fitness and scholastic ability of the applicant to succeed and profit as a student at Saint Joseph's College. The Committee on Admissions reserves the right to require any candidate to submit additional evidence in this regard before making its decision.

Admission to Freshman Standing. Candidates for freshman standing will be selected from among applicants who, in addition to being persons of wholesome character, sound morals, and good citizenship, present the following academic qualifications:

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1. Certificate of graduation from an approved high school. Graduates from other high schools may be accepted conditionally; full standing will be dependent upon subsequent work.

2. Minimum of fifteen units, ten of which must be from the following academic fields: English, Foreign Language, Social Studies, Mathematics, and Natural Science. (It is not necessary that all of these fields be represented in the ten units). The term "unit," expressing a measure of academic credit, represents a subject carried through not fewer than thirty-two weeks with five recitations a week, or the equivalent.

3. Two of the following three criteria of academic achievement and aptitude:

- a) Average of C or 80 or equivalent in total school work.
- b) Rank in upper half of high school graduation class.
- c) I.Q. of 110 or equivalent.

Note: Whether or not the student meets these entrance requirements will be determined on the basis of information contained in his high school record. It is understood that these minimum requirements do not necessarily guarantee an applicant's admittance. From among the applicants who meet the entrance requirements, the College reserves the right to select those best qualified to succeed at Saint Joseph's. For this reason, the approval or rejection of an application may, in some cases, be deferred till later in the admissions period.

Exceptions:

- 1. Applicants who fail to meet all the above qualifications, and yet for other reasons give promise of success in college, may be permitted to take an entrance examination or be admitted upon the exceptional recommendation of the high school principal or counsellor.
- 2. Where in individual cases the applicant meets the regular requirements for admission and yet shows signs of inadequate preparation for college, the Committee on Admissions may require further evidence through an entrance examination or other means.

Early Admissions. Exceptionally well qualified students who have not graduated from high school, but who have completed at least their junior year, may be admitted to freshman standing. Their eligibility for admission will be determined on the basis of high school courses and grades, objective tests and the recommendation of their high school principal or counselor.

Admissions To Advanced Standing. Students transferring from other institutions whose curricula are substantially the same as those of Saint Joseph's may be admitted with advanced standing. A transfer student must:

1. Meet the general entrance requirements.
2. Be eligible to continue in the institution from which they wish to transfer.
3. Be entitled to honorable separation from the institution last attended.
4. Present an index appropriate to his standing at Saint Joseph's (i.e., those who transfer after one semester of college work must have an index of 1.50; after two semesters, an index of 1.75; after three or more semesters, an index of 2.00).
5. No credit will be allowed for work which is not declared prior to admission.

Admission of Special Students. Mature students who wish to pursue particular studies without being candidates for a degree may be admitted as special students if it seems that they can profit from such work. In no case, however, will an applicant under twenty-one years of age be considered eligible to enter as a special student unless he has graduated from high school.

Work done by special students will not be counted toward a degree until all entrance requirements have been fulfilled.

Enrollment. All students are expected to report on the campus on the days officially designated in the College calendar. No new student will be admitted unless he has received official notice of acceptance from the Office of the Registrar.

Registration. No student will receive credit for any subject taken in a class for which he has not been duly registered.

After a student's class schedule has been approved, changes in courses or class sections must in each instance be approved and properly recorded in the Registrar's Office.

Late Enrollment. Students failing to enroll or to pay fees and tuition on enrollment day as designated in the catalogue must pay a late enrollment fee.

Class Schedule. A "Schedule of Classes" is published at the beginning of each semester, showing the courses that are offered, the

time of meetings, the room numbers, and the instructors. The College reserves the right to withdraw an announced course for which fewer than five students register. It also reserves the right to assign students to class sections and to limit the number of students who may elect a course in case the class becomes unduly crowded or is of such a nature that limited enrollment will be advantageous.

Faculty counselors will assist students in planning their programs of study. The suggested programs which are listed in the catalogue for each department in which a major sequence is offered may serve as preliminary guides for the tentative selection of courses. In all cases it is advisable that the student select his major by the end of his sophomore year and consult his faculty counselor regarding the pattern of courses for the major and minor sequences and the appropriate electives. A student's semester schedule of classes will not be considered final until it has been approved and filed in the Office of the Registrar. Opportunity for necessary adjustments in class schedules is provided during the first week of classes in each semester.

Change of Schedule and Cancellation of Courses. During the first week after the beginning of classes in each semester a student may, with consent of the Registrar, change his schedule by adding or cancelling courses. Courses cancelled during this period do not appear on his permanent record. The student, however, is encouraged to register with care so that such class changes become unnecessary or are reduced to a minimum.

Class Load. The normal amount of work for which a student registers in one semester is sixteen or seventeen hours. To be classified as a full-time student he must register for a minimum of twelve semester hours, or for class work totaling at least fifteen periods per week. Permission to register for a course in excess of eighteen hours must be obtained from the Dean of the College; the basis for such permission shall be the student's ability as evidenced by previous college work. An extra tuition charge of \$15.00 for each credit hour in excess of seventeen will be applied to the student's account, except that students maintaining a cumulative index of 3.25 or better may carry twenty hours before an extra charge is made. Beginning freshmen may register for Honors without charge.

Class Attendance. Students are required to attend regularly all lectures, laboratory exercises, tests, and examinations, with the reservations stated below.

Unexcused absences (hereafter called "cuts") are allowed in any semester course to the number of credits in that course; thus, two cuts are permitted in a two-credit course, three cuts in a three-credit course. A one and a half cut is the penalty for missing a course meeting twice a week for 75 minutes.

Cuts are to be used for the following reasons: temporary physical indisposition (colds, headaches, upset stomach, etc.); trip home for dental work or medical consultation; special family events, such as reunions or anniversaries; attendance at the wedding or funeral of a friend or a relative not of the immediate family; student trip with the College Varsity.

Cutting beyond the number of times allowed puts the student into what is called "provisional status" and places upon him the burden of clearing himself promptly in the following manner: having first presented to the instructor an official Dean-of-the-College voucher of payment of the required fee (\$2.00), he makes a passing grade in a special examination or does work to the satisfaction of the instructor. **Failing to clear himself within seven days after his return to class, he loses credit for the course.**

As soon as a student's cuts reach twice the number allowed, he automatically loses the semester credit in the course. He no longer has the opportunity afforded by "provisional status" as outlined in the preceding paragraph. Thus, in a three-credit course, a total of six cuts results in automatic loss of credit.

Not counted as cuts are unavoidable absences for certain reasons properly verified by the Dean of Students and so attested by his official voucher. **This voucher is in each case to be presented to the instructor within seven days after the student's return to class.** The following are the only reasons for which official vouchers are given:

- a) Such sickness of the student as incapacitates him for class attendance (so attested by the infirmarian or a physician).
- b) Death or serious illness in the student's immediate family.
- c) Attendance at the wedding of a brother or sister.
- d) Properly authorized engagement in the interests of the College.
- e) Properly authorized participation as a team member in intercollegiate competition.
- f) Official government summons.

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Absences are counted from the first day of class in any course. Therefore, classes missed because of late registration are counted as cuts, except in these cases:

- a) A new student who has enrolled late in the College.
- b) A student who, with permission of the Dean of College, transfers from one course to another course. Shifting to another section of the same course does not eliminate cuts taken in the first section.

A cut from the last class of any course before or from the first class after a holiday or recess is counted as a double cut except in the case of one-credit courses.

Tardiness and dismissal from class for disciplinary reasons may, at the instructor's discretion, be rated as cuts.

Cutting an announced test or examination incurs a grade of F. This may be removed by the passing of a special test after certification by the Dean of the College that the required fee has been paid. Excused absences may be handled in the same manner, except that the fee may be remitted by the Dean of the College.

Withdrawal from courses. After the limit for changes in class schedule, Seniors, Juniors, and Sophomores may not withdraw from a course for which they are registered except with permission of the Academic Dean, after presenting written evidence of consultation with their professor and faculty advisor. Forms for this purpose can be obtained at the Office of the Academic Dean. Such withdrawals will be indicated on the student's record with the letter "W." By discontinuing a course without an official withdrawal, he automatically incurs an "F." No official withdrawals will be given later than one month after the opening of classes in each semester.

In his first semester at college, however, a freshman may withdraw without penalty of failure until one week after the mid-semester grading period. (See College Calendar). He likewise must secure permission of the Academic Dean, after presenting written evidence of consultation with his professor and faculty adviser. Forms for this purpose can be obtained at the Office of the Academic Dean.

Withdrawal From The College. Any student (except he be a graduating senior) who, as the end of a semester approaches, is aware that he will not register for the following semester is asked in courtesy so to inform the Registrar and the Dean of Students. About to withdraw from the College during a semester, he must report this

fact to the Dean of Students and the Registrar; failing to do so he will forfeit to honorable separation. Students who discontinue either during or at the end of a semester without having settled their financial obligations to the College will be refused honorable separation and official transcript of credit until all accounts are paid.

Good Standing. A student is granted honorable separation provided he is in good standing. This signifies that the student is eligible to continue, to return, or to transfer elsewhere. It implies good academic standing as well as good citizenship.

Credits. The unit of academic credit is the semester hour. It represents the work of a semester course which meets once weekly for a fifty-minute period requiring approximately two periods of preparation. Thus, a class which meets twice weekly carries two hours of credit; three times weekly, three credits. One laboratory period (two to four hours) is the equivalent of one class meeting. The passing grade required before a student can receive credit is D.

Credit By Examination. Any regularly enrolled student of Saint Joseph's College in good academic standing may receive credit for any course in which he gives evidence of superior achievement by passing an examination in the subject matter of the course with a grade of A or B. The credit and grade thus earned will be entered on the student's academic record and will count toward fulfillment of the regular requirements for graduation.

Courses (with grade and credit) earned through credit by examination are not computed in the semester index but only in the cumulative index.

1. Schedule of Tests: (a) at the beginning of the first semester; (b) the first semester final examinations; application must be made before the student leaves for Christmas vacation; (c) the second semester final examinations; application must be made before May 1.

2. Application to take credit by examination is made at the Office of the Academic Dean.

3. Eligibility. (a) No student may receive credit by examination in a course for which he is currently enrolled for credit, or has, at some time, enrolled for credit or for audit; (b) courses involving laboratory experience or practice cannot be taken through credit by examination.

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4. Recording of tests. A record shall be kept in the student's folder of all tests taken with the intention of receiving credit by examination. Only those courses, however, for which the student receives credit (by a grade of A or B) will be entered onto his permanent scholastic record, and they shall be designated as Credit by Examination.

5. Fees. The fee for each test taken to obtain Credit by Examination is \$5.00.

6. Tests. The tests shall be regular semester tests of the type given in the course for which the student is seeking credit. Such tests shall be made out, scored, graded and administered by an Instructor appointed by the Academic Dean.

Television Credit. Students enrolled at Saint Joseph's College may receive credit for television courses: (a) on a transfer basis from any recognized college granting such credit; (b) from television courses conducted under campus supervision.

Auditing Courses. Auditing a course means attending class without obligation with respect to regularity of attendance, outside class work, tests, or examinations. Students register for audit courses in the same manner as for credit courses. The total number of credit and audit hours combined for which a student registers may never exceed twenty-one a semester. Audited courses are recorded in the Registrar's Office but do not form a part of the student's permanent scholastic record. For full-time students the fee for auditing a course is \$5.00 for each semester-hour in excess of seventeen hours of credit and audit work combined. For part-time students the fee is \$15.00 a semester hour.

Grading System. Grades are given in letter symbols; no definite numerical value is indicated. The symbol A indicates excellent achievement; B above average; C, average; D, acceptable but poor; F, failing; W, withdrew; I, incomplete.

Grade Reports. Grade reports for all students are made to the Registrar twice each semester. The mid-semester reports are tentative indications of the student's progress; those following the semester examinations form his permanent record. Reports are issued to parents and students after each grading period.

Quality Points. A grade of A represents greater accomplishment in a four-credit course than does the same grade in a two or three-credit course. In order that a student's degree of success on the basis of both factors (amount of work represented by his courses, and the grades received) may be judged, use is made of the quality point. Quality points assigned to a grade multiplied by the credits

allowed in a subject will give the total points accruing to the student for his achievement in that subject.

Grades	Meanings	Quality Points
A	Excellent	4
B	Above Average	3
C	Average	2
D	Acceptable but Poor	1
F	Failing	0

Incomplete Grade. A course in which the grade of I is received will not be considered in computing the index until the incomplete grade is removed. If the I is not removed within five weeks after the semester (except in Honors Courses), a grade of F will be assigned.

Scholastic Index. The index expresses in one convenient symbol the ratio of a student's total quality points to his total hours attempted. This ratio is found by dividing the sum of the student's quality points by the sum of hours attempted. Thus, if his points equal his hours attempted, his index will be 1.00, indicating that he is maintaining himself at the general level of D.

Honors Students and Dean's List. Students with a cumulative index of 3.00 or higher are classed as Honors Students. In order to deepen and to further the education of these students and to encourage them to independent study and research, the College offers certain academic privileges to them.

Students with a cumulative index of 3.00 or above, (a) are eligible to complete residence requirements in seven semesters or equivalent; (b) are eligible to graduate with honors by taking Honors Course 51 in their major field. The honors course may be started by making application in the Office of the Academic Dean in the student's second-last semester; the student registers for the course in his last semester.

All-College Honors Program. The purpose of this program is to enable exceptional students to broaden and deepen their knowledge by enrolling in courses offered by the Honors Department.

1. Eligibility. Students are invited to enter this program through the Office of the Academic Dean. These students are assigned to a special Honors Committee which assists them in arranging their participation in the program. Students become eligible for this program at the close of their freshman year.

2. Requirements. (a) To qualify for graduation with All-College Honors, students must have the required cumulative index for honors and must complete a minimum of five Honors Department Courses from at least three different departments. (b) Students in this program may substitute these courses for the graduation requirement of twelve hours in a minor.

3. **Graduation.** A student on this program may qualify for All-College Honors without completing requirements for Departmental Honors.

Dean's List. Students with a semester or a mid-semester index of 3.50 or higher are placed on the Dean's List. They are excused from the requirements of the cut system for the following grading period unless, in a particular instance, the instructor rules otherwise. Students on the Dean's List are, however, expected to be present for all announced tests and will be held responsible for the subject matter of the courses they are taking. If at any time during the grading period it becomes evident that excessive absence from class is endangering the student's progress, the Dean or the Instructor shall have the right to revoke the privilege.

Probation and Dismissal. The mid-semester grades serve as an indication of the student's adaptability to his chosen program of studies. Both the parents and the student are informed when his work is below the required level at the mid-semester grading period.

At the semester grading period, first semester freshmen with index below 1.50, second semester freshmen with index below 1.75, and sophomores, junior and seniors with index below 2.00 are placed on probation. Students who are on probation are not permitted unexcused absences. If this status is not removed at the next semester grading period, the student will be dropped for poor scholarship unless **on appeal for special reasons** he is granted an extension by the Academic Senate. If he submits an appeal he must do so by writing personally to the Academic Dean within two days after he receives notification of his status.

Students who, at the semester grading period, fail in as much as one-half of their work will be dropped for poor scholarship.

Students dropped for poor scholarship may, after the lapse of a semester, apply for readmission. If their application is approved, they will be readmitted on probation and must maintain the scholastic index required by their classification. If dropped for poor scholarship a second time, they are not eligible for readmission.

Classification. Students are enrolled as **regular** when they meet all entrance requirements and have been approved for a course of studies leading to the bachelor's degree; as **special** if the course work is not to be counted toward the fulfillment of degree requirements. Students may be registered as either full-time or part-time students. A full-time student is one who is carrying a minimum of twelve semester hours of college credit, or who is registered for class work totaling at least fifteen periods per week.

A student is classified as a **freshman** if he meets the entrance requirements; as a **second semester freshman** when he has completed **12 semester hours**; as a **sophomore** when his record shows **28 semester hours** of college credit; as a **junior** when he has earned **58 semester hours**; and as a **senior** when he has completed **92 semester hours** of credit.

Athletic Eligibility. A student is eligible to participate in inter-collegiate athletic contests under the following conditions:

1. Be of approved physical condition as certified by the College physician.
2. Meet the requirements for classification as a regular full-time student at Saint Joseph's College.
3. Have successfully completed a minimum of twelve semester hours of college credit in his last previous semester unless he is a beginning freshman.
4. Be in good academic standing as determined by the scholastic index requirement according to his classification.
5. Be eligible to play in a designated game according to the rules, policies, and approved practices of the **Indiana Collegiate Conference** with respect to amateur standing, length of previous participation, institutional transfer and similar matters.

It is the responsibility of the players as well as the coaching staff to know and comply with the letter and the spirit of the athletic policies adopted and approved by the faculty.

Awards and Prizes. The recognition of merit in the individual is natural and proper as an incentive to personal and social progress. The awards and prizes listed below represent the College's attestation of the recipients' excellence in written and oral expression as demonstrated in the annual competitive exercises in a variety of fields. In all cases the College reserves the right to withhold an award if, in the opinion of the judges, none of the entries in a contest attains a standard of excellence sufficient to merit the distinction implied by the conferring of the award.

National Honors Societies. On October 15, 1956, the Gamma Delta Chapter of Delta Epsilon Sigma, National Catholic Honors Society was installed at the College. Junior students who have a minimum of a B average are eligible for this distinction; in the spring semester of 1960, the College established a chapter of Phi Eta Sigma, a national honors society for freshmen and sophomores; eligible are students with a 3.50 index.

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The Alumni Essay Award. The sum of twenty-five dollars is awarded annually to the student submitting the best English essay to a committee of three judges. The Saint Joseph's Alumni Association is the donor of this award. The second prize is fifteen dollars.

This contest is open to all students. Contestants must submit three typewritten copies of their work, under an assumed name or some special mark of identification, to the professor in charge of the contest not later than May 1 of the current year.

The Mary J. Pursely Memorial Award for Creative Writing. This gift was made by the Most Rev. Leo A. Pursley, D.D., '21, Auxiliary Bishop of Fort Wayne. This is an annual award of fifty dollars for the best work in creative writing submitted to three judges. The purpose of the contest is to encourage the writing of good Catholic literature in the form of fiction, drama, or poetry.

The Hanley Science Award. A prize of one hundred dollars is awarded to the student who, in the estimation of the instructors in the Division of Natural Sciences, composes the best essay in the field of science or mathematics. The prize for second place is fifty dollars. The contest is limited to members of the junior and senior classes taking a major or minor sequence in the Division of Natural Sciences. Essays must be submitted not later than April 1 of the current year. The first prize is donated by Mr. William A. Hanley, '08, Indianapolis, Indiana. The second prize is donated by Dr. Frank A. Benchik, '42, of East Chicago, Indiana.

The Father Rapp Speech Award is sponsored semi-annually by the speech department in honor of the Rev. Ildephonse Rapp, Professor Emeritus of Speech and Scholar of Rhetoric. Three trophies, first, second and third place, are awarded to the superior students selected from the basic courses in speech for participation in the contest. The awards are presented semi-annually at the conclusion of the final contest in the college theatre. A plaque inscribed with the names of the first place winners is also maintained in the lobby of the auditorium.

Trustees Business Award. A plaque and the sum of one hundred dollars, donated by the Board of Lay Trustees of St. Joseph's College, is annually awarded to the student graduating from the Division of Business or Accounting, who, in the estimation of a committee of instructors, is most deserving of the award in view of his superior scholarship and his leadership in extracurricular activities. In order that a student may be considered for the award he must have achieved a cumulative scholarship average of the grade of B, implying a scholastic index of 3.00 and meriting graduation with the distinction, *cum laude*.

GRADUATION REQUIREMENTS

Degrees. Saint Joseph's College confers the Bachelor of Arts degree in Biology, Biology-Chemistry, Chemistry, Economics, English, English-Journalism, Geology, History, Mathematics, Mathematics-Physics, Philosophy, and Theology; the Bachelor of Science degree in Accounting, Finance, Management, Marketing, Education, and Physical Education. However, the student who majors in Biology, Chemistry, Geology, or Mathematics, may, if he prefers, receive the Bachelor of Science degree. Students completing the curriculum for the preparation of elementary teachers receive the Bachelor of Science in Education degree. (B.S. in Ed.)

A Second Bachelor Degree. Students of Saint Joseph's College may qualify for a second baccalaureate degree by spending at least one semester of residence at Saint Joseph's, by completing catalogue requirements for their first degree, and by showing twenty-four hours upper level credit in a second major.

A student holding a bachelor's degree from another accredited college may qualify for a degree from Saint Joseph's by a semester of residence and by showing 24 hours and passing a comprehensive examination in his major field.

Degree in Absentia. Students who have attained senior standing after the completion of three years of residence and who have then transferred to a school of law, engineering, or medicine may secure the degree in absentia. In addition to the requirements regarding total hours in general education, advanced courses, major and minor sequences, comprehensive and graduate record examinations, the candidate will be required to show successful completion of the first year's work in the professional school in which he has enrolled.

Graduation With Honors, is conferred on the basis of successful completion of an honors seminar in the department of the student's major together with a cumulative index (through the four years of college) of 3.00 for the honor *Cum Laude*, of 3.50 for *Magna Cum Laude*, and of 3.75 for *Summa Cum Laude*.

Graduation with Honors for Degree in Absentia. Students transferring to a professional school and planning to graduate in absentia, may graduate with honors from Saint Joseph's College by completing an honors paper in the semester preceding their transfer to a professional school. To be admitted, a student must ordinarily have a 3.00 cumulative index for his first two years. The grades which the students transfers from the professional school at the time when he

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qualifies for graduation from Saint Joseph's College, must, on an equivalent basis, qualify him for honors.

Honors Seminar. As a means to promote scholarship and initiative on the part of superior students, those departments which offer a major also conduct an honors seminar. This is a course in independent study, directed reading, and research in the student's field of concentration, the results of which are to be formulated in a research paper. To be admitted the student must have in his junior year maintained a B average in his major sequence. Topics for research must be approved by the student's major professor.

Residence. Completion of the college course requires normally that the student be in residence for eight semesters or the equivalent.* Three six-week summer sessions are considered the equivalent of one semester. Work completed at off-campus extension centers is accepted up to sixty semester hours. Not more than twelve within this maximum of sixty hours may be taken by correspondence. The last thirty semester hours and sixty quality points must ordinarily be completed on the campus of Saint Joseph's College. For exceptions, see "Degree in Absentia."

Junior year abroad. Students who plan to spend their junior year abroad are to apply to the Academic Dean's Office at the beginning of their fourth semester. There are two types of programs available:

- a) programs involving instruction in a foreign language at a foreign university;
- b) programs involving instruction in English at a foreign university either by participating in the Institute of European Studies programs at the University of Vienna or at the Institute for American Universities affiliated with the University of Aix-Marseilles in southern France.

Students on Junior Year programs are required to complete all graduation requirements.

Examinations. In addition to the regular course examinations, the student is required to take the following examinations:

*See exception for Honors Students, p. 45.

1. **Comprehensive Examinations.** The candidate for the degree must pass a comprehensive examination covering his major field. Preparation for this examination implies that from the very beginning the student will have organized the results of his study and reading with a view to permanent retention. The subject matter for the comprehensive examination in a departmental major covers the entire area of undergraduate preparation in that particular field of knowledge and is, therefore, not restricted to the specific subjects which the candidate has completed in the course. The student will be tested on his knowledge of basic facts and principles, his insight into relationships and his ability to apply what he has learned to the solution of typical problems. The norm for passing the examination may be stated at that degree of competence which would be obtained from a careful reading and independent study of standard texts proper to all courses, lower-level as well as upper, offered by the Department. The Divisional Chairman in consultation with the Dean of the College will determine the scope of the examination for the student who has selected a divisional or group major. Comprehensive examinations are written tests of approximately six hours in length and are administered towards the end of the semester.

2. **Graduate Record Examinations.** All seniors are required to take the Graduate Record Examination (Area tests and Advanced Tests) in their final year on the dates set down in the College Calendar.

Semester Hours and Quality Points.

1. A minimum of 124 semester hours and 248 points are required for graduation (a cumulative index of 2.00).

2. The number of quality points earned in courses of the major or group-major sequence must equal at least twice the minimum credit hours required for the respective major (a cumulative index of 2.00).

3. At least 60 hours must be completed on the lower level, including the prescribed work in general education; at least 50 hours, including the requirements of advanced and special education, must be completed on the upper level.

4. Not more than 42 hours in a single department will be counted toward the minimum total required for graduation.

Course Requirements. The faculty of Saint Joseph's College has given considerable thought and effort to the building of a curriculum

which will provide a sound program of general education for all students. It is generally agreed that colleges exist for the purpose of transmitting the cultural inheritance; that every educated person should have an acquaintance with the facts and the methods of inquiry in the chief fields of knowledge; and that learning must have breadth as well as depth. While, therefore, the courses in general education are wide in scope, they must not be regarded as shallow or superficial, for they have been designed to be both the foundation and the complement of the more specialized courses in designated fields of concentration.

All courses are grouped under the six Divisions: Religion and Philosophy, the Humanities, the Natural Sciences, the Social Sciences, Business and Economics, and Education. Furthermore, Freshman courses (1-19) and Sophomore (20-29) are designated **lower-level**, while Junior (30-39) and Senior (40-51) are distinguished as **upper level** courses on the basis of content and instructional procedures. Ordinarily, odd-numbered courses are offered during the first semester and even-numbered courses during the second semester.

Lower Level Requirements: General Education

Course Numbers: 1-29

The number of semester hours a student must earn on the lower level is a minimum of sixty. Of these, the following specified courses constitute, with the exceptions noted below, that part of the program of general education required of all. They are to be completed, ordinarily, by the end of the sophomore year.

	Semester Hours	
English 3-4, or 7-8 -----	6	Rhetoric and Composition or Freshman Literature
Humanities 23-24, 25, 27 -----	8	World Literature; Music Art Forms; Art: History and Appreciation
Philosophy 12 and 21 -----	6	Logic; Philosophy of Man
Religion 11 and 21 -----	6	The Sacred Liturgy; Christ in the Scriptures.
Science -----	10	Biology 5 (3 hours); Mathematics 5 (3 hours); and 4 hours from: Chemistry 5 (2 hours); Geology 5 (2 hours); Physics 5 (2 hours); Physics 7 (2 hours).
History 11-12 -----	6	Development of Western Institutions
Social Science Elective -----	3	Elective in Economics, History, Political Science, Sociology (Upper or lower level)
Speech 15 -----	2	Fundamentals of Speech

Exceptions:

1. Certain adjustments and substitute courses are provided for the student who at registration definitely plans to follow a program in the natural sciences, or teacher training. See details under these heads.
2. The extent to which the lower-level credits presented by the transfer students are acceptable in fulfillment of the requirements in general education is determined by the Dean of the College.
3. Students who are not of the Catholic faith are at liberty to substitute other courses for the 6 additional hours in religion regularly included in the college program.

Foreign Language. While offered as a recognized element in liberal education, foreign language study is not required of all. However, German specifically is required of Chemistry majors; a foreign language is required of English majors; and German or French is strongly recommended for the student planning to enter graduate school.

Upper Level Requirements: Advanced and Special Education

Course Numbers: 30-51

Every approved sequence of courses leading to a bachelor's degree is based on the assumption that as the student advances, he must accept an increasing share of the responsibility for his own education. Within the framework of a few basic principles of organization and minimum essential requirements, he is encouraged to select advanced courses which best fit his needs, interests, and vocational aspirations. The suggested programs which are listed in the catalogue for each department in which a major sequence is offered may serve as preliminary guides for the tentative selection of courses. In all cases it is advisable that the student select his field of concentration by the end of his sophomore year and consult his faculty counselor regarding the pattern of courses for the major and minor sequences and the appropriate electives.

The number of semester hours on the upper level required for graduation is a minimum of fifty. The program of advanced or special education will include the following:

Major Sequence. Ordinarily this will embrace a minimum of twenty-four semester hours of upper-level credit in a department, or,

for a group major, thirty-six credit hours in a division of instruction. Students should see special regulations under each department.

Minor Sequence. Ordinarily this will be a minimum of twelve semester hours of upper-level credit in a department chosen for its relation to the major sequence though not necessarily in the same Division.

Religion and Philosophy. Nine upper-level hours in religion and six upper-level hours in philosophy are required. Students who are not of the Catholic faith may substitute other courses for the nine hours in Religion, but are required to take Philosophy 36. Philosophy 31, Metaphysics, is required of all students.

Semester Hours		
Religion 31, 43, 44 -----	9	God and Creation; Christian Morality; Christology
Philosophy 31 -----	3	Metaphysics
Philosophy -----	3	Required Elective

Electives. Additional courses to complete the fifty upper-level hours and a total minimum of 124 semester hours and a minimum of 248 quality points required for graduation.

DIVISIONS, DEPARTMENTS, COURSES OF INSTRUCTION

56	Majors, Minors and Degrees Offered
57- 60	DIVISIONS OF INSTRUCTION
61-147	DEPARTMENTS AND COURSES
61- 63	Accounting
64	Agriculture
64- 68	Biology
69- 75	Business Administration
76- 80	Chemistry
80- 83	Economics
83- 90	Education
91- 95	Engineering: Aeronautical; Agricultural; Chemical; Civil; Electrical; Industrial; Mechanical; Metallurgical
96- 99	English
99-100	French
100-104	Geology
104	German
105	Greek
105-108	History
108-110	Honors
111	Humanities
111-115	Journalism
115-116	Latin
116-120	Mathematics
120-124	Music
124-127	Philosophy
127-130	Physical Education
131-133	Physics
133-136	Political Science
136-137	Psychology
137-139	Religion
140-143	Sociology
144	Spanish
144-146	Speech
146-147	Theology
148	Calumet Center Supplement

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MAJORS, MINORS AND DEGREES OFFERED

Department	Major (24 hrs.)	Minor (12 hrs.)	Degree
Accounting	x	x	B.S.
Biology	x	x	B.A. or B.S.
Biology-Chemistry	x	x	B.A. or B.S.
Business Administration			
Finance	x	x	B.S.
Management	x	x	B.S.
Marketing	x	x	B.S.
Chemistry	x	x	B.A. or B.S.
Biology-Chemistry	x		B.A. or B.S.
Economics	x	x	B.A.
Education	x	x	
Elementary	x		B.S. in Ed.
Secondary	x		B.S.
Engineering			
Five year program*			B.A. and B.S.
English	x	x	B.A.
English-Journalism	x		B.A.
French		x	
German		x	
Geology	x	x	B.A. or B.S.
Greek			
History	x	x	B.A.
Journalism-English	x		B.A.
Journalism-Social Science	x		B.A.
Journalism		x	
Latin			
Liturgical Music	x	x	B.A.
Mathematics	x	9 hrs.	B.A. or B.S.
Mathematics-Physics	x		B.A. or B.S.
Music		x	
Philosophy	x	x	B.A.
Physical Education	x	x	B.S.
Physics		x	
Political Science	x	x	B.A.
Psychology		x	
Religion		x	
Sociology	x	x	B.A.
Spanish		x	
Speech		x	
Theology	x		B.A.

* Five year Engineering programs are available in Aeronautical, Agricultural, Chemical, Civil, Electrical, Industrial, Mechanical and Metalurgical Engineering. After three years at Saint Joseph's, and two or three semesters at Marquette University, Purdue University, Rose Polytechnic Institute, Saint Louis University, University of Illinois, University of Notre Dame or any accredited engineering college, the student may qualify for a B.A. degree from Saint Joseph's. After his fifth year, he qualifies for a Bachelor's degree in Engineering from one of these Universities.

DIVISIONS OF INSTRUCTION

Saint Joseph's College is organized into six Divisions of Instruction, each of which is further divided into departments or courses of instruction.

I. The Division of Religion and Philosophy includes the Departments of Religion, Theology and Philosophy.

The Department of Religion offers a minor in Religion and a B.A. degree in Theology in the Summer Session; the Department of Philosophy offers a major and a minor in philosophy.

The courses in religion and philosophy are designed to present a rational Christian explanation of the universe, man, and God. They stress the philosophical principles fundamental to a deeper understanding of revealed truths and show the relation of religion and philosophy to other fields of knowledge. Their purpose is to expand the student's knowledge and enrich his appreciation of Catholic life and faith, and thereby offer him incentives to shape his individual, his family and his social life in accordance with that teaching.

II. The Division of Humanities includes the Departments of English, Classical Languages, Foreign Languages, Speech, Music and Journalism.

The primary purpose of the teaching in this Division is to develop some degree of appreciative understanding and power of expression in language, literature, music, and art, which are generally valued for their refining influence. This involves also some attention to the relation between principles of art and the Catholic tradition. Another objective is to enlarge the student's acquaintance and enrich his sympathy with the culture of peoples as reflected in their language and art. It is in the nature of the humanities that they contribute to the aims of general education; the upper-level courses make possible concentration in certain departments.

Majors are offered in English and in English-Journalism; minors, in English, Journalism, Modern Languages, Music, and Speech.

The Division also offers the following courses in the Humanities: World Literature; Art: History and Appreciation; Music Art Forms (see below under Humanities).

III. The Division of Natural Sciences includes the Departments of Biology, Chemistry, Engineering, Geology, Mathematics and Physics.

The Division of Natural Sciences comprises four fields: the biological sciences, engineering, mathematics and the physical sciences. The general aim of the Division is to foster an appreciation of the material world as a masterpiece of God's creation and thereby to make an integral contribution to the program of general education.

Both the divisional and departmental courses are designed to enable the student to obtain: 1. Factual information about the material world. 2. An understanding of the difficulties involved in gaining this information and a knowledge of some of the methods used for overcoming such difficulties. 3. An ability to comprehend and to evaluate critically statements concerning the subject matter of the sciences. 4. Knowledge of some accepted solutions to the problems posed by time and quantity, the physical world and living organisms, and the application of these solutions to the problems of modern living.

The departmental courses have these further purposes: 1. To develop skill in the generally accepted methods of scientific investigation. 2. To prepare the student for work in graduate or professional schools. 3. To meet the needs of those students who are preparing for entrance into certain vocational fields upon graduation.

The Division of Natural Sciences offer a major sequence leading to the A.B. or B.S. degree in each of the following Departments: Biology, Chemistry, Geology, and Mathematics. Engineering students may receive the A.B. degree by completing one of the engineering programs described on pages 91-95.

Students majoring in the natural sciences will substitute the prerequisite departmental courses on the lower level for the ten semester hours of divisional courses in natural sciences otherwise demanded in fulfillment of the requirement in general education.

A group major in biology-chemistry is offered by the Division for pre-medical students. The minimum requirement is thirty-six hours in upper-level courses in biology and chemistry so distributed as to include a minimum of sixteen in each department. This group major must include the following upper-level courses: Biology 39, and Chemistry 31-32, 33, and 36. Four semesters of credit, or the equivalent, in a modern foreign language are required; German or French are recommended. No minor sequence is required.

The Division offers also a group major in mathematics-physics. The minimum requirement is thirty-six semester hours in upper-level courses with a minimum of 16 hours in each field. Mathematics 31, 33, 34, 41, and Physics 31, 41-42, and 44 must always be included. No minor sequence is required.

IV. The Division of Social Sciences includes the Departments of Economics, History, Journalism-Social Science, Political Science and Sociology.

The Division of Social Sciences seeks to enlarge the student's social understanding and to deepen his sense of responsibility with the view that he may lead a more useful life as a member of society. He is to become acquainted with the social heritage which the study of the past provides for the interpretation of the present and as a guide to the future. He is to become acquainted with the social teaching of the Church and its application to current social issues.

The Division offers a major sequence in each of the following Departments: Economics, History, Political Science and Sociology. The major is twenty-four hours in upper-level courses as prescribed under the respective Department.

V. The Division of Business and Economics includes the Departments of Accounting, Business Administration and Economics.

The Division of Business and Economics seeks to provide an opportunity for the student to develop the knowledge, technical skills, moral attitudes, and understandings which will serve as a foundation for the study of the economic and business aspects of reality and which will to some extent prepare him for a career in business or for graduate or professional study.

The Division offers the following majors: Accounting, Economics, Finance, Management, and Marketing. The major is twenty-four hours in upper level courses as prescribed under the respective Department.

All students within the Division of Business and Economics must show credit in Economics 49, Catholic Social Teaching; this course may be counted as part of a minor in the Division of Business and Economics.

VI. The Division of Education includes the Departments of Education and of Physical Education.

The first aim of the Division of Education and of its courses is to offer students knowledge of education and of physical education as branches of learning. The courses are directed towards having the student know what education is, and how its history and philosophy

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have been important factors in the life of mankind. The second aim of the Division is to impart knowledge of the factors involved in the educational process and of imparting skills for prospective elementary and secondary school teachers and coaches.

Majors are offered in Elementary, Secondary and Physical Education; minors are offered in Education and Physical Education.

DEPARTMENTS AND COURSES

DEPARTMENT OF ACCOUNTING

The Department of Accounting provides the fundamental courses which are to prepare the student for entrance into the profession of accountancy, including public and private accounting practice or government service. Upon completion of this program of study, the student becomes eligible for the bachelor's degree in accounting, and he may secure through experience and state examination the status of certified public accountant.

In the field of public accounting there are opportunities in municipal and private auditing, system design and installation, cost and tax work. Federal and state governments provide opportunities for accountants in a wide variety of activities, including income tax and other taxation, farm administration, banking, interstate commerce, and the like. In private accounting practice, thoroughly trained accountants have opportunities for advancement into executive, financial, and auditing or cost positions.

Accounting 21-22 and Economics 21-22 are prerequisite for all upper-level courses.

The requirement for a major sequence in accounting is twenty-four hours in upper-level courses, including Accounting 31, 32, 33-34, 41 and 45; Economics 49 is also required of all students. The requirement for a minor sequence is twelve hours in upper-level courses.

All students registered for courses in accounting are required to take the series of standardized tests administered by the Department.

COURSES IN ACCOUNTING

13-14. Introductory Accounting 6 hours

A basic course in accounting designed for those students who are neither majoring nor minoring in accounting, but who realize the need of accounting information for their future careers. The functions of the Income Statement and the Balance Sheet are adequately investigated.

21-22. Principles of Accounting 6 hours

A fundamental course designed for majors and minors in accounting. The course is presented so that the student is properly prepared in the theory and techniques of accounting that are neces-

sary for the advanced courses. Emphasis is placed on the solution of accounting problems.

31. Intermediate Accounting 3 hours

An investigation into the form and content of financial statements with particular emphasis on accounting for assets, both tangible and intangible. Special attention is given to corporate capital accounts.

32. Advanced Accounting 3 hours

Advanced partnership problems and techniques for analyzing and interpreting financial statements are considered in this course. Attention is also given to special transactions resulting from consignments and installment sales. The effects of changes in the value of the dollar on accounting problems completes the course.

33-34. Income Tax Accounting 6 hours

This course is designed to familiarize the student with the federal income tax laws by means of lectures and practical problems. It is devoted to an intensive study of the income tax laws as they apply to individuals, partnerships, and corporations.

38. Pro-Seminar in Accounting Theory 3 hours

An introduction, by means of directed reading and individual projects, to the methods of accounting research and the theory of accounts.

41. Specialized Statements 3 hours

Special emphasis is placed on the preparation of consolidated statements of position and income. Consideration is also given to such supplementary statements as the funds statement, cash-flow statement, and statements required of fiduciaries.

45. Cost Accounting 3 hours

This course presents an analysis of the importance of cost accounting in the modern business world. Cost terminology and technique are developed through the medium of problems dealing with job cost systems, process cost systems, and standard cost and uniform cost procedures.

46. Controllership 3 hours

This course is designed to acquaint the student with the types of problems facing the chief accounting officer of the corporation with the aim of developing facility in the manipulation of accounting data. Rationalization of procedures and preparation of reports is illustrated by reference to specific business cases.

Suggested Program of Courses for the B.S. Degree with Accounting as Major Sequence

FRESHMAN YEAR

	Semester		
	Hours		
Biology 5 -----	3		Principles of Biology
Business 21 -----	3		Principles of Marketing
English 3-4 -----	3	3	Rhetoric and Composition
History 11-12 -----	3	3	Development of Western Institutions
Humanities 23-24 -----	2	2	World Literature
Mathematics 5 -----	3		Algebraic Structure
Philosophy 12 -----	3		Logic
Religion 11 -----	3		The Sacred Liturgy
Science requirements -----	2		Chemistry 5; or Geology 5; or Physics 5; or Physics 7

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17 16

SOPHOMORE YEAR

Accounting 21-22 -----	3	3	Principles of Accounting
Business 23-24 -----	3	3	Business Law
Economics 21-22 -----	3	3	Principles of Economics
Humanities 25, 27 -----	2	2	Music Art Forms; Art: History & ap- preciation
Philosophy 21 -----	3		Philosophy of Man
Religion 21 -----	3		Christ in the Scriptures
Speech 15 -----	2		Fundamentals of Speech
Science requirements -----	2		Chemistry 5; or Geology 5; or Physics 5; or Physics 7

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16 16

JUNIOR YEAR

Accounting 31, 32 -----	3	3	Intermediate; Advanced Accounting
Accounting 33-34 -----	3	3	Income Tax Accounting
Accounting 38 -----	3		Pro-Seminar
Business 31 or 38 -----	3		Industrial Management or Statistics
Business 32 or 36 -----	3		Personnel Management or Corporation Finance
Economics 49 -----	3		Catholic Social Teaching
Minor Sequence -----	3	3	
Philosophy 31 -----	3		Metaphysics
Religion 31 -----	3		God and Creation

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18 18

SENIOR YEAR

Accounting 41 -----	3		Specialized Statements
Accounting 45, 46 -----	3	3	Cost; Controllershship
Accounting 47, 48 -----	3	3	Auditing; C.P.A. Problems
Accounting 51 -----	3		Honors Seminar
Minor Sequence -----	3	3	
Philosophy, upper level -----	3		
Religion 43, 44 -----	3	3	Christian Morality; Christology

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18 15

47. Auditing 3 hours

A course designed for those intending to enter the profession of public or private accounting. The responsibilities of auditors and the regulations applying to the profession are studied, with special reference to the rules of professional conduct for members of the American Institute of Certified Public Accountants. Various types of audits and their purposes are analyzed. Certificates are studied and prepared.

48. C.P.A. Problems 3 hours

51. Honors Seminar in Accounting 3 hours

DEPARTMENT OF BIOLOGY

The departmental courses in biology are intended to help the student acquire: 1. A knowledge of the basic principles of the biological sciences and some skill in the application of the scientific method to biological problems. 2. The necessary background for work in graduate or professional schools of medicine, dentistry, or biological science. 3. The biological background for certain professional careers such as teaching biology in secondary schools or working with biological surveys and in museum laboratories.

Biology majors are encouraged to attend the summer course in invertebrate zoology, embryology, and physiology at the Marine Biological Laboratory at Woods Hole, Massachusetts. Upon application to the Department, credit may be allowed up to six hours for the successful completion of one of the above courses.

The minimum requirement in upper-level courses for a major sequence in biology is twenty-four semester hours; for a minor sequence, twelve semester hours.

Majors in biology must show credit in the following courses: Biology 11-12, 31-32, 35-36, 39; Chemistry 31-32; Physics 21-22 (or Physics 23-24); and four semesters in one modern foreign language. German or French is recommended. Minors in Biology must show credit in Biology 11-12.

Majors in Biology who plan to teach in high school must show credit in Biology 11-12, 41, Chemistry 31-32 and Physics 21-22; they may substitute education courses for the foreign language requirement.

Laboratory fees: Biology 11, 12, and 22, each \$7.50. Biology 31, 32, 34, 39, 40, 41, 43, 44, 45, 47, and 51, each \$10.00.

Suggested Program of Courses for the A.B. or B.S. Degree with Biology as Major and Chemistry as Minor Sequence.¹

FRESHMAN YEAR

	Semester		Hours	
Biology 11, 12 -----	4	4		Zoology; Botany
Chemistry 11, 12 -----	4	4		General Chemistry; Inorganic Chemistry and Qualitative Analysis
English 3-4 -----	3	3		Rhetoric & Composition
Mathematics 11-12 -----	6			Freshman Mathematics
Philosophy 12 -----		3		Logic
Religion 11 -----		3		The Sacred Liturgy
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	17	17		

SOPHOMORE YEAR

Biology 31-32 -----	3	3		Comparative Vertebrate Anatomy
Chemistry 31-32 -----	4	4		Organic Chemistry
History 11-12 -----	3	3		Development of Western Institutions
Humanities 23-24 -----	2	2		World Literature
Humanities 27 -----	2			Art: History and Appreciation
Philosophy 21 -----	3			Philosophy of Man
Religion 21 -----		3		Christ in the Scriptures
Speech 15 -----		2		Fundamentals of Speech
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	17	17		

JUNIOR YEAR

Biology 39, 40 -----	4	4		Embryology; Histology
Biology 38 -----		3		Genetics
Chemistry 33 -----	4			Quantitative Analysis
German 1-2 -----	3	3		Introductory German (or French) ³
Humanities 25 -----		2		Music Art Forms
Philosophy 31 -----		3		Metaphysics
Physics 21, 22 -----	4	4		College Physics
Religion 31 -----		3		God and Creation
	— —			
	18	19		

SENIOR YEAR

Biology 35-36 -----	1	1		Seminar in Biology
Biology 51 -----		3		Honors Seminar
Biology upper level -----	4	6		Biology Electives Major or Minor ²
German 21, 26 -----	3	3		Intermediate, Scientific German ³
Philosophy, upper level -----	3			Required Elective
Religion 43, 44 -----	3	3		Christian Morality; Christology
Social Science -----	3			Elective
	— —			
	17	16		

¹ Students in the biology-chemistry group major must include chemistry 36 in their program.

² Biology Electives available: 34, 41, 42, 43, 44, 45, 47.

³ Students preparing to teach Biology in high school may substitute education courses for foreign language; then must also take Biology 12 and 41.

5. Principles of Biology**3 hours**

This course, designed for the student who does not intend to major in the natural sciences, affords him an opportunity to obtain some understanding and appreciation of the basic principles of biological science and an acquaintance with some of the more commonly known plant and animal forms. These are studied in their relation to man as a living entity sharing certain functions with them, dependent upon them for nutrition, clothing, medicine, and industrial processes, or guarding himself against them for purposes of health.

11. Introductory Zoology**4 hours**

The fundamental principles of animal biology and a study of appropriate type forms illustrating the various phyla, with stress on laboratory exercises. Two lectures and two two-hour laboratory periods each week. Students majoring in one of the natural sciences may substitute this course for the divisional course in biological science.

12. Introductory Botany**4 hours**

The fundamentals of plant biology including the identification of some of the more common plants and trees, a study of the structure and physiology of plants, and an introduction to the Mendelian laws of heredity. Two lectures and two two-hour laboratory periods each week.

22. Human Anatomy and Physiology**4 hours**

An introductory course intended primarily for physical education majors. The course is recommended for students preparing to teach biology or health in high school. Three lectures and one two-hour laboratory period each week.

Prerequisite: Biology 11.

25. Personal and Community Health**3 hours**

Personal health and the prevention of disease in the family and community; relation of sanitation and disease control to community health; communicable diseases. Three lecture periods each week.

31-32. Comparative Vertebrate Anatomy**6 hours**

The study of type forms of different classes of vertebrates, from the viewpoint of the morphological relationships of the various organs and systems. One lecture and two two-hour laboratory periods each week.

Prerequisite: Biology 11 and 12.

33. Microtechnique 2 hours

Principles and practice in the preparation of animal and plant tissues and small organisms for microscopic study. Two two-hour laboratory periods each week. (Offered in 1961-62).

Prerequisites: Biology 11 or 12, and Chemistry 12.

35-36. Seminar in Biology 2 hours

Intensive discussion of selected topics in biology led by members of the staff. Required for graduation of all seniors majoring in biology or biology-chemistry group sequence. Open for attendance without credit to all other interested students with permission of the staff. Juniors majoring in Biology are expected to attend all sessions.

38. Genetics 3 hours

A study of the general principles of heredity and the operation of hereditary factors in the origin and development of species and of individual traits. Special emphasis is placed on human heredity and the analysis of family pedigrees.

Prerequisite: Biology 11 or 12.

39. Embryology 4 hours

Laboratory study of the developmental anatomy of frog, chick, and pig embryos. Lecture emphasis is placed on an analysis of the processes of development and a study of elementary experimental embryology. Two lectures and two two-hour laboratory periods each week.

Prerequisite: Biology 32.

40. Animal Histology 4 hours

A microscopic study of normal vertebrate tissues and organs, with special reference to human tissues. Two lectures and two two-hour laboratory periods each week. (Offered in 1961-62).

Prerequisites: Biology 32 and Chemistry 12.

41. Invertebrate Zoology 4 hours

A study of the characteristics and relationships of representative species of invertebrates with reference to classification. This course includes some field work in ecological study, collection of specimens, their identification and preparation for laboratory and museum display. Primarily intended as a background for teaching biology. Three lectures and one three-hour laboratory period each week. (Offered in 1962-63).

Prerequisite: Biology 11.

42. History of Biology

2 hours

A survey of the development of the science of biology. Particular attention is given to the interplay of philosophy and science and to the development of the conceptual framework of biology. Required readings and papers. Discussions and conferences with staff and with related departments. (Offered in 1962-63).

43-44. Microbiology

8 hours

A study of bacterial structure, life activities, and classification; also introductory studies in immunology, mycology, parasitology, and virology. Laboratory methods of culture, isolation, and identification of various saprophytic and pathogenic organisms, particularly enteric forms; some serological techniques; water, milk, soil and food bacteriology. Two lectures and two two-hour laboratory periods each week.

Prerequisites: Biology 12 and Chemistry 12.

45. Vertebrate Physiology

4 hours

A study of vertebrate physiology with special reference to human functions. Designed primarily for pre-medical students and others whose field of concentration is biology. Selected laboratory experiments. Two lectures and two two-hour laboratory periods each week.

Prerequisites: Biology 11 and Chemistry 12.

47. General Physiology

4 hours

The physiological processes at the organismic level are analyzed and correlated with the simpler manifestations at the cell level. Among the topics discussed are the structure and composition of cells, reactions of organisms to the environment, adjustment and maintenance of the internal environment, energy sources and utilization of energy for movement, production of electricity. Two lectures and two two-hour laboratory periods each week.

51. Honors Seminar in Biology

3 hours

DEPARTMENT OF BUSINESS ADMINISTRATION

The courses in business administration have been designed to provide the knowledge required for positions in business. Their aim is to combine specific preparation with a background in general education, which, with experience, should enable one to assume positions of higher responsibility more rapidly and competently. During the freshman and sophomore years, the course of studies is general in character. During the junior and senior years, areas of concentration are provided in finance, management, and marketing.

The requirements for a major sequence in Finance are twenty-four hours in upper-level courses composed of the following: B.A. 33, 36, 38, 40, 43, 47 and Economics 35, 40, and 46. The requirements for a major sequence in Management are twenty-four hours in upper-level courses composed of the following: B.A. 31 32, 35, 36, 37, 38, 41, 42. The requirements for a major sequence in Marketing are twenty-four hours in the following upper-level courses: B.A. 34, 36, 38, 39, 41, 45, 49, 50. Students who major in other departments but who wish to minor in business administration must take core courses B.A. 36 and B.A. 38 as part of their twelve hours in upper level business administration courses. On the lower level, majors in Business Administration must show credit in Business Administration 21-22; Accounting 13-14, and Economics 21-22; on the upper-level, Economics 49 is required of all students.

Required Program of Courses for the B.S. Degree with Finance,
Management, or Marketing as Major Sequence.

FRESHMAN YEAR

		Semester		
		Hours		
Biology 5	-----	3		Principles of Biology
Business Administration 21	-----	3		Principles of Marketing
English 3-4	-----	3 3		Rhetoric and Composition
History 11-12	-----	3 3		Development of Western Institutions
Humanities 25, 27	-----	2 2		Music Art Forms; Art: History & Ap- preciation
Mathematics 5	-----	3		Algebraic Structure
Philosophy 12	-----	3		Logic
Religion 11	-----	3		The Sacred Liturgy
Science Requirement	-----	2		Chemistry 5; or Geology 5; or Physics 5; or Physics 7

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16 17

SOPHOMORE YEAR

Accounting 13-14	-----	3 3		Introductory Accounting
Business 23-24	-----	3 3		Business Law
Business 22	-----	3		Principles of Management
Economics 21-22	-----	3 3		Principles of Economics
Humanities 23-24	-----	2 2		World Literature
Philosophy 21	-----	3		Philosophy of Man
Religion 21	-----	3		Christ in the Scriptures
Speech 15	-----	2		Fundamentals of Speech

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16 17

Major Sequence in Finance

JUNIOR YEAR			
Business 36, 43	-----	3 3	Corporation Finance; Investments
Business 33, 40	-----	2 2	Budgeting; Financial Statement
Business 32	-----	3	Personnel Management
Economics 35	-----	3	Money and Banking
Economics 49	-----	3	Catholic Social Teaching
Philosophy 31	-----	3	Metaphysics
Religion 31	-----	3	God and Creation
Science Requirement	-----	2	Chemistry 5; or Geology 5; or Physics 5; or Physics 7
Electives or Minor Sequence	----	3 3	

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SENIOR YEAR			
Business 41	-----	3	Managerial Decision-Making
Business 37	-----	3	Government and Business
Business 38	-----	3	Business Statistics
Business 47	-----	3	Problems of Financial Management
Economics 40	-----	3	Public Finance
Economics 46	-----	3	Business Cycles
Business 51	-----	3	Honors Seminar
Philosophy, upper level	-----	3	
Religion 43, 44	-----	3 3	Christian Morality; Christology
Electives or Minor Sequence	----	3 3	

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Major Sequence in Management

JUNIOR YEAR			
Business 31, 32	-----	3 3	Industrial Management; Personnel Man- agement
Business 33, 40	-----	2 2	Budgeting; Financial Statement Analy- sis
Business 36, 43	-----	3 3	Corporation Finance; Investments
Economics 49	-----	3	Catholic Social Teaching
Philosophy 31	-----	3	Metaphysics
Science Requirement	-----	2	Chemistry 5; or Geology 5; or Physics 5; or Physics 7
Electives or Minor Sequence	----	3 3	
Religion 31	-----	3	God and Creation

		17 17	

SENIOR YEAR			
Business 41, 42	-----	3 3	Managerial Decision-Making; Seminar in Business Policy
Business 35	-----	3	Institutional Management
Business 37	-----	3	Government and Business
Business 38	-----	3	Business Statistics
Business 51	-----	3	Honors Seminar
Philosophy, upper level	-----	3	
Religion 43, 44	-----	3 3	Christian Morality; Christology
Electives or Minor Sequence	----	3 3	

		18 15	

Major Sequence in Marketing

JUNIOR YEAR

Business 34, 44	-----	3	3	Sales Management; Retailing Organization and Operation
Business 48	-----		3	Advertising Theory and Practice
Business 36, 43	-----	3	3	Corporation Finance; Investments
Business 38	-----	3		Business Statistics
Philosophy 31	-----	3		Metaphysics
Economics 49	-----		3	Catholic Social Teaching
Religion 31	-----		3	God and Creation
Science Requirement	-----	2		Chemistry 5; or Geology 5; or Physics 5; or Physics 7
Electives or Minor Sequence	----	3	3	
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		18	18	

SENIOR YEAR

Business 49, 50	-----	3	3	Marketing Research; Marketing Management
Business 41, 42	-----	3	3	Managerial Decision-Making; Seminar in Business Policy
Business 31	-----	3		Industrial Management
Business 51	-----		3	Honors Seminar
Philosophy, upper level	-----	3		
Religion 43, 44	-----	3	3	Christian Morality; Christology
Electives or Minor Sequence	----	3	3	
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		18	15	

COURSES IN BUSINESS ADMINISTRATION

13-14. Introductory Accounting 6 hours

A basic course in accounting designed for those students who are neither majoring nor minoring in accounting, but who realize the need of accounting information for their future careers. The functions of the Income Statement and the Balance Sheet are adequately investigated.

21. Principles of Marketing 3 hours

A study of the structure and process of marketing with emphasis upon the manner in which marketing distributes economic resources and stimulates demand. Consumer, industrial and government markets are analyzed and the resources of the economy are reviewed from the standpoint of the marketing problems they present. The organization of marketing is described with special attention devoted to channels of distribution and the various types of retailers and wholesalers. Descriptive cases and commodity analyses are used throughout the course.

22. Principles of Management

3 hours

The purpose of this course is to present a carefully organized system of concepts by which the basic meaning and the universal principles of management can be grasped. This course is limited to a treatment of that body of fundamental principles which underlies all management regardless of type or size of business. A study of the structure of industry in the U.S., the objectives and means of a business enterprise, the functions of business, the environment of a business, the purpose and methods of management, administrative decision-making and the functions of management.

23-24. Business Law

6 hours

This course is designed to acquaint the student with those phases of law most frequently met in business. The selected areas of study include contracts, negotiable instruments, agency, sales, partnerships, corporations, property, and torts.

Prerequisite: B.A. 23 must precede B.A. 24.

31. Industrial Management

3 hours

The purpose of this course is to present a framework of principles, methods, procedures, and techniques of factory management, and to develop the student's ability to make sound managerial decisions, especially at the operational level. By means of selected case problems, emphasis will be placed upon the following topics: research, development, and engineering; manufacturing processes; the management of physical property; motion and time study; production planning and control; operations research; quality control; and cost control.

Prerequisite: B.A. 22.

32. Personnel Management

3 hours

An analysis of the personnel function in the management of business enterprises. Problems in selection, placement, compensation, training, and maintenance of work teams in different types of business enterprise will be considered. Emphasis will be placed on both the functions of the personnel manager and the individual line managers and supervisors.

Prerequisite: B.A. 22.

33. Budgeting

2 hours

A study of budgetary direction and control as applied to a business enterprise. The construction of budgets, estimating income and expenses, profit planning and budgeting, controlling expenses, breakeven analysis, measuring operating efficiency, and enforcing budgets are developed.

Prerequisite: Ac 13-14; B.A. 22.

34. Sales Management

3 hours

A study of the managerial functions of the sales manager, with particular reference to problems involved in investigations of marketing, planning the sales effort, management of sales and service personnel, and control of the sales operations. The preliminary part of the course is devoted to a study of the principles and techniques of personal selling. This involves examination of the various aspects of selling such as: development of psychological rapport with prospects, organization of prospecting activities, analysis of public relations problems.

Prerequisite: B.A. 21.

35. Institutional Management

3 hours

A course which deals with the management problems and practices of that important segment of the economy known as the "non-profit" organization. Consideration will be given to such organizations as hospitals, educational institutions, public corporations, eleemosynary institutions, and associations of various forms.

Prerequisite: Ac 13-14; B.A. 22.

36. Corporation Finance

3 hours

The financial problems involved in organizing and managing a business. Includes a study of the financial aspects of promotion, securing capital through the issuance of securities, capitalization, dividend policies, financial analysis, current financing, receivership, consolidation, bankruptcy, reorganization and related issues.

Prerequisite: Ac 13-14.

37. Government and Business

3 hours

A study of the foundations for government intervention in business and the activities in which it currently engages in relation to business, with emphasis on federal legislation as this applies to social security, labor relations, and the maintenance of competition.

(Same as Economics 37.)

38. Business Statistics

3 hours

An introduction to the elements of statistical analysis, including the collecting, classifying, interpreting, and presenting of numerical data, with emphasis on their use in business.

(Same as Economics 38.)

Prerequisite: Math. 5.

39. Retailing Organization and Operation

3 hours

This is a basic survey course which includes an analysis of the opportunities, development and present status of the retailing industry.

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Course content includes: Methods of store management, principles of store location, organization for control of merchandise, devices for improvement of store services, control of store expenditures, and coordination of credit, sales and other marketing activities.

Prerequisite: B.A. 21.

40. Financial Statement Analysis 2 hours

An analysis and interpretation of financial statements. The background of analysis; analysis of small business enterprises; the internal analysis of balance sheets and profit and loss statements; analysis of surplus.

Prerequisite: Ac 13-14; B.A. 22.

41. Managerial Decision-Making 3 hours

A course designed to present an organized and integrated approach to the managerial decision-making process. Emphasis will be placed on the following topics: the nature of the decision-making process; the stages of decision-making; the use of premises in decision-making; decision and implication; validating forms for decision-making: planning and decision-making; organizing for effective decision-making; controlling and decision-making; and the implementation of decisions. Problems will be presented to give students practice and guidance in arriving at valid decisions.

Prerequisite: B.A. 22.

42. Seminar in Business Policy 3 hours

This course is designed to give students practice in policy-making thereby enhancing their ability to identify, analyze, interpret and evaluate business policies, especially those of large corporations. Through the study of actual business situations, the student will learn to diagnose a company's problems and to consider the various factors influencing managerial policy decisions. Cases are selected from a variety of industries to emphasize the universality of management problems and to give the student a facility for solving problems wherever they may develop. An attempt will be made to focus previously gained knowledge of accounting, finance, management, marketing and economics upon such matters as organizational, administrative, procurement, production, sales, labor financial and expansion policies.

Prerequisite: B.A. 22, 41.

43. Investments 3 hours

This course is designed to familiarize the student with the various stock, bond, real estate, and other investment markets. Includes treatment of investment objectives, investment institutions, sources of information, media of investment, analysis of risk, and

the formulation of appropriate investment policies for individuals and institutions.

Prerequisite: Ac 13-14; B.A. 36

45. Advertising: Principles and Procedures 3 hours

A study of the role of advertising in the marketing structure and as a marketing tool of the individual firm. Consideration is given to the character of demand as seen by the individual firm and the opportunities for modifying it through the use of advertising. Content of the course includes an analysis of buying motives, social forces involved in consumer behavior, measurement of the market potential, determination of proper advertising budgets, media allocations, and the devices used to measure the effectiveness of advertising campaigns.

Prerequisite: B.A. 21.

47. Problems of Financial Management 3 hours

This course presents a series of comprehensive financial problems by which it is intended to perfect the student's ability to utilize the methods and techniques of financial analysis and management acquired in previous courses.

Prerequisites: B.A. 22, 36.

49. Marketing Research 3 hours

The use of scientific method by business in gathering and utilizing marketing data in the efficient selling of merchandise. An analysis of advertising selling and price and product problems that market research may assist in solving; research methods and techniques; analysis and interpretation of typical marketing data; questionnaire building and methods of sampling; a survey of problems that a division of marketing is likely to face; analysis of markets through company records, published sources and original investigation.

Prerequisite: B.A. 21.

50. Marketing Management 3 hours

A study of the marketing problems of the firm approached from a management point of view. Emphasis is placed on the development of the student's ability to analyze marketing situations, identify problems, determine solutions, implement corrective action, and plan strategy. The student learns how the marketing management functions of merchandising, channel selection, determination of brand policy and price policy, sales promotion, advertising and personal selling integrate to produce an effective marketing program.

Prerequisite: B.A. 21.

51. Honors Seminar in Business Administration. 3 hours

DEPARTMENT OF CHEMISTRY

The courses in the Department of Chemistry are designed to help the student: 1. To understand and appreciate, by means of basic courses, the principles of chemistry. 2. By means of carefully supervised laboratory work and by an introduction to the literature of the field: a) to observe carefully and accurately natural phenomena. b) to realize and appreciate the problem of the application of the theoretical principles to actual experimental work. 3. By a study of the literature and by means of a minor research problem to initiate the development of the skills and attitudes requisite for research in the field of chemistry. 4. To meet the basic requirements in chemistry for entrance into graduate school, medical school, or industrial chemistry.

The minimum requirement for a major sequence in chemistry is twenty-four semester hours on the upper level, including courses in organic, quantitative analysis, and physical chemistry. For a minor sequence twelve semester hours in upper-level courses, including Chemistry 33, are required.

The following are prerequisite for upper-level courses, or requisite for graduation: Chemistry 13, 14, 38, and either 49 or 51. It is further necessary for a student majoring in chemistry to show credit in Mathematics 11, 12, 13, 14 and in Physics 21-22. Two years of college German, or the equivalent, must be completed.

Unless otherwise noted, laboratory periods are three-hour periods. Laboratory fees: Chemistry 11, 12, 13, 14, 45, and 46, each \$7.50. Chemistry 31, 32, 33, 34, 42, and 51, each \$10.00. Chemistry 49 and 50, each \$5.00.

COURSES IN CHEMISTRY

5. Principles of Chemistry 2 hours

A terminal course for non-Science majors and minors. A basic study is made of the viewpoint of the Chemist in his study of the physical world. This course presents the fundamental concepts on the composition of material substances, the forces responsible for chemical changes occurring in substances, and the relationship between chemical change and the energy changes which accompany them.

11. General Chemistry 4 hours

An introduction to the field of chemistry, the course stresses the atomic theory and general chemical laws and theories governing gases, liquids, solids, and solutions. The work in the laboratory consists of experiments involving inorganic reactions. Three lectures and one laboratory period each week.

Suggested Program of Courses for the B.A. or B.S. Degree with Chemistry as Major

FRESHMAN YEAR

	Semester		
	Hours		
Chemistry 13, 14 -----	5	5	General Chemistry and Qualitative Analysis
English 3-4 -----	3	3	Rhetoric and Composition
Mathematics 11, 12, 13, 14 -----	6	6	Freshman Mathematics
Philosophy 12 -----		3	Logic
Religion 11 -----	3		The Sacred Liturgy
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	17	17	

SOPHOMORE YEAR

Chemistry 31-32 -----	4	4	Organic Chemistry
German 1-2 -----	3	3	Introductory German
History 11-12 -----	3	3	Development of Western Institutions
Humanities 23-24 -----	2	2	World Literature
Philosophy 21 -----		3	Philosophy of Man
Religion 21 -----	3		Christ in the Scriptures
Social Science -----		3	Required Elective
Speech 15 -----	2		Fundamentals of Speech
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	17	18	

JUNIOR YEAR

Chemistry 33, 34 -----	4	4	Quantitative; Adv. Quantitative Analysis
Chemistry 37, 38 -----	1	1	Literature of Chemistry; Pro-Seminar
German 21, 26 -----	3	3	Intermediate; Scientific German
Minor Sequence -----	3	3	
Philosophy 31 -----	3		Metaphysics
Physics 21-22 -----	4	4	College Physics
Religion 31 -----		3	God and Creation
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	18	18	

SENIOR YEAR

Chemistry 39; 42 -----	2	4	Advanced Organic; Biochemistry
Chemistry 45-46 -----	4	4	Physical Chemistry
Chemistry 49-50; or 51 -----	1	1	Research in Chemistry; Honors Seminar in Chemistry
Humanities 27, 25 -----	2	2	Art: History and Appreciation; Music Art Forms
Minor Sequence -----	3	3	
Philosophy, upper-level -----	3		Required Elective
Religion 43, 44 -----	3	3	Christian Morality; Christology
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	18	17	

12. Inorganic Chemistry and Qualitative Analysis 4 hours

A continuation of Chemistry 11, with emphasis on inorganic substances. The elements are studied individually and as members of related groups with the view of appreciating the relationships among all substances in nature. The laboratory work consists of qualitative analysis using a semi-micro technique for representative ions in the inorganic field. Three lectures and one laboratory period each week.

Prerequisite: Chemistry 11.

13-14. General Chemistry and Qualitative Analysis 10 hours

A more complete course in the fundamental principles of the science for Chemistry majors and for students preparing to enter Chemical Engineering or Metallurgy. The course stresses the theory involved in chemical activity. The laboratory work in the second semester is devoted to the qualitative analysis of representative cations and anions. Four lectures and one laboratory period each week.

Prerequisite: Chemistry 13.

31-32. Organic Chemistry 8 hours

A study of the structure, reactions, and properties of the aliphatic and aromatic carbon compounds. The applications of organic chemistry in industry and medicine are emphasized. In the laboratory the important methods and techniques are stressed. The material presented in the lectures is illustrated by the preparation and identification of typical compounds. Three lectures and one laboratory period each week.

Prerequisite: Chemistry 11-12, or 13-14.

33. Quantitative Analysis 4 hours

A study of the theoretical principles upon which analytical methods are based and an explanation and application of the calculations involved. In the laboratory the standard volumetric and gravimetric procedures are used. Two lectures and two laboratory periods each week.

Prerequisites: Chemistry 11-12 or 13-14.

34. Advanced Quantitative Analysis 4 hours

An advanced study of quantitative analysis. The laboratory work includes calibration of weights and volumetric apparatus, analysis of ores, ferrous and non-ferrous alloys. Some use is made of instrument analysis. Two lectures and two laboratory periods each week.

Prerequisite: Chemistry 33.

35. Advanced Inorganic Chemistry 2 hours

An introduction to the quantum theory and an application of quantum restrictions to chemical phenomena. This is followed by a treatment on photo energy and a discussion of the periodic classification of the elements and the arrangement of the periodic chart.

Prerequisites: Chemistry 11-12 or 13-14.

36. Elementary Physical Chemistry 4 hours

A course intended primarily for students who lack the mathematical preparation for the more extensive course, Chemistry 45-46. The principles of physical chemistry are treated from a descriptive viewpoint with emphasis on solutions, colloids, and physical structure. This course may not be counted toward a major in chemistry. Three lectures and one laboratory period each week.

Prerequisites: Chemistry 11-12 or 13-14 and 33, and Physics 21-22, or 23-24.

37. Literature of Chemistry 1 hour

The purpose of the course is to acquaint the student with the literature of the field. Weekly library reports based on the study of periodicals and reference works are required.

38. Pro-seminar in Chemistry 1 hour

The purpose of the course is to acquaint students majoring in chemistry with library research. Students are also introduced to the norms and procedures for writing a research report.

Prerequisite: Chemistry 37.

39. Advanced Organic Chemistry 2 hours

A continuation of Chemistry 32, the course deals with reaction mechanisms. Class discussions, requiring extensive use of the library facilities, on advanced organic reactions and laboratory procedures are held. Two lectures each week.

Prerequisite: Chemistry 31-32.

42. Biochemistry 4 hours

A study of the composition of organisms, of the food materials required by them, and the chemical changes attending the transformation of these food materials into the substances composing these organisms. Three lectures and one laboratory period each week.

Prerequisite: Chemistry 31-32.

45-46. Physical Chemistry 8 hours

A fundamental course based on the principles of physical

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chemistry. The role of energy in chemical reactions is treated both from the descriptive and the analytical viewpoints. Three lectures and one laboratory period each week.

Prerequisites: Chemistry 11-12 or 13-14 and 33, Mathematics 11, 12, 13, 14 and Physics 21-22.

49-50. Research in Chemistry 2 hours

Early in the first semester, topics for research problems are chosen. Throughout the year, library research is pursued. Progress reports are made and discussed.

Prerequisites: A reading knowledge of German, Chemistry 37 and 38.

51. Honors Seminar in Chemistry 3 hours

An alternate course for Chemistry 49-50, open to students who have made a B average in the chemistry courses of the junior year.

Prerequisites: A reading knowledge of German, Chemistry 37 and 38.

DEPARTMENT OF ECONOMICS

The program in Economics has the following objectives: 1. To enable the student to gain a basic understanding of our economic system, to provide a field of concentration for those students who wish to pursue economics as their major study, and to offer those courses which are appropriately a part of the preparation for the study of business, government, journalism, and law. 2. To provide the requisite training for the teaching of economics in high schools, for the pursuit of graduate courses in economics, and for entrance into graduate schools of business.

The requirement for a major sequence is twenty-four hours in upper-level courses, including Economics 38, 41, 42 and 49. Related courses highly recommended include Politics 21 and 22, and History 38. Students expecting to pursue graduate work in economics are advised to take Mathematics 11, 12, 13 and 14, and twelve hours of credit in French or German. The requirement for a minor sequence is twelve hours in upper-level courses.

All students majoring in Economics are required to take Accounting 13-14 or 21-22 (Seniors of 1962).

Economics 21-22 is prerequisite for all upper-level courses.

COURSES IN ECONOMICS

21-22. Principles of Economics 6 hours

A study of the principles and problems connected with the production, exchange, and consumption of wealth, the level and fluctuation of national income and employment, and the economics of growth. Different types of economic systems are compared and evaluated.

28. Elements of Economics 3 hours

A one semester exploration of economic principles, problems and policies with special attention given to the streams of economic thought from Smith through Keynes. (Open only to Xavier students)

35. Money and Banking 3 hours

A study of the theory of money, monetary standards, banking principles, and monetary theory with special emphasis on the financial institutions of the United States.

37. Government and Business 3 hours

A study of the foundations for government intervention in business and the activities in which it currently engages in relation to business, with emphasis on federal legislation as this applies to social security, labor relations, and the maintenance of competition. (Same as Business 37.)

38. Business Statistics 3 hours

An introduction to the elements of statistical analysis, including the collecting, classifying, interpreting, and presenting of numerical data, with emphasis on their use in business. (Same as Business 38.)

40. Public Finance 3 hours

A study of the principles of finance in government. Topics to be considered will include public revenues and expenditures, taxation public debt, governmental budgeting, and fiscal policy. (Same as Political Science 40).

41. Advanced Income Analysis 3 hours

An intensive study of national income accounting and the theory of national income determination with special emphasis on the policy implications of the analysis.

42. Advanced Price Analysis 3 hours

An intensive study of the theory of price in both the output and input markets with special emphasis on the application of modern tools of analysis to concrete business and public problems.

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Suggested Program of Courses for the B.A. Degree with Economics as Major Sequence

FRESHMAN YEAR

	Semester		
	Hours		
Biology 5 -----	3		Principles of Biology
English 3-4 -----	3	3	Rhetoric and Composition
History 11-12 -----	3	3	Development of Western Institutions
Humanities 25, 27 -----	2	2	Music Art Forms; Art: History and Appreciation
Mathematics 5 -----	3		Algebraic Structure
Philosophy 12, 21 -----	3	3	Logic; Philosophy of Man
Religion 11 -----	3		The Sacred Liturgy
Science requirement -----	2		Chemistry 5; Geology 5; or Physics 5 and Physics 7

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16 17

SOPHOMORE YEAR

Accounting 13-14 -----	3	3	Introductory Accounting
Economics 21-22 -----	3	3	Principles of Economics
Humanities 23-24 -----	2	2	World Literature
Religion 21 -----	3		Christ in the Scriptures
Science requirement -----	2		Chemistry 5, Geology 5; or Physics 5 and Physics 7
Speech 15 -----	2		Fundamentals of Speech
Electives -----	6	3	Recommended: Business 21, 22 or Po- litical Science 21, 22

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16 16

JUNIOR YEAR

Economics 38 -----	3		Business Statistics
Economics 35 -----	3		Money and Banking
Economics 41, 42 -----	3	3	Advanced Income; Advanced Price An- alysis
Minor Sequence -----	3	3	
Philosophy 31 -----	3		Metaphysics
Religion 31 -----	3		God and Creation
Electives -----	6	6	Recommended: Foreign language or Mathematics

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18 18

SENIOR YEAR

Economics 37 -----	3		Government and Business
Economics 48 -----	3		International Economics
Economics 43-44 -----	3	3	Labor Problems and Legislation
Economics 46 -----	3		Business Cycles
Economics 49 -----	3		Catholic Social Teaching
Economics 51 -----	3		Honors Seminar
Minor Sequence -----	3	3	
Philosophy, upper level -----	3		
Religion 43, 44 -----	3	3	Christian Morality; Christology

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43-44. Labor Problems and Legislation 6 hours

A study of the issues involved in labor economics, with emphasis on the role that employers, unions, and the government may play in their solution. The first semester concentrates on the size and composition of the labor force, the history of the labor movement, and the issues involved in collective bargaining; the second, on wages and hours, unemployment, and social security.

46. Business Cycles 3 hours

In this course are discussed the different types of business fluctuations, the theories which have been advanced in explanation of them, and the measures which have been proposed for their control.

48. International Economics 3 hours

A study of the underlying basis of international trade, balance of payments adjustments, and the methods of international payments, together with an examination of the foreign trade position, the tariff policies, and the commercial agreements of the United States. (Offered in 1962-63.)

49. Catholic Social Teaching and Economic Policy 3 hours

This course aims to set forth the social teaching of the Church, with emphasis on the social encyclicals and other recent papal pronouncements and to apply this teaching to selected current socioeconomic problems.

51. Honors Seminar in Economics 3 hours

DEPARTMENT OF EDUCATION

The Department of Education is designed to offer the student a knowledge of education in its theoretical and practical phases. Courses in the history and philosophy of education present the student the means of employing the best of mankind's thought in the betterment of today's schools. Other courses are offered with the express purpose of acquainting the student with the professional skills and competencies that will be needed in the exercise of teaching duties.

State requirements for licenses and certificates vary, but in general all states call for these basic requirements: (1) a four-year curriculum leading to the Bachelor's degree. (2) Academic credit in major and minor areas; or, in the case of elementary teachers, adherence to a specified curriculum. (3) Professional courses in education. (4) A recommendation by the Director of student teaching and License Adviser.

Elementary School Training at St. Joseph's College: St. Josephs College has been authorized by the State of Indiana to train both elementary and secondary teachers. The program on page 85 has been worked out to comply with the requirements of the State of Indiana. All students who intend to qualify for elementary teaching in this state must follow the program as indicated. Students who intend to qualify for a state other than Indiana should consult their License Adviser. The Elementary program for Indiana is a special unit and the college requirements concerning major and minor sequences have been waived.

Secondary School Teaching: In general, a student who is preparing to teach in high school should major in the subject area which he intends to teach. However, in those cases where departmental requirements will not allow of sufficient electives to complete the required number of hours in professional education, a student may major in education by completing twenty-four upper-level hours selected from the offerings of the department. The professional requirements vary from state to state but generally between 16 and 20 hours of professional work are required.

Saint Joseph's College is authorized by the state of Indiana to offer teacher training in the following areas: (a) Language Arts; (b) Foreign language (with English); (c) Social Studies; (d) Biological Science; (e) Physical Science & Mathematics; (f) Mathematics; (g) General Science; (h) Health and Physical Education.

In addition to the above areas, each student may elect one of the following minor areas; (aa) English; (bb) Foreign Language; (cc) History; (dd) Social Studies; (ee) Biology; (ff) Physics; (gg) Chemistry; (hh) General Science; (ii) Mathematics; (jj) General Business; (kk) Retail selling; (ll) Health and Safety Education; (mm) Physical Education; (nn) Recreation.

The State of Indiana requires 18 hours of professional courses in education, of which 5 must be in Practice Teaching and 2 in Methods of the chosen Teaching Area. Students who wish to qualify for a state other than Indiana should work out their program with their License Adviser. In general the requirements for the neighboring states are as follows:

Illinois: 16 hours in professional education are required. In addition the student must present a teaching major of 32 hours and a teaching minor of 16 hours.

Michigan: 20 semester hours of professional education are required; in addition the student must present a teaching major of 24 semester hours and two teaching minors of 15 hours each.

Ohio: 17 semester hours in professional education are required and teaching fields as designed on the application blank.

Curriculum For The Preparation of Indiana Elementary Teachers

FRESHMAN YEAR

		Semester		Hours	
English 3-4	-----	3	3		Rhetoric and Composition
History 11-12	-----	3	3		Development of Western Institutions
Humanities 27, 25	-----	2	2		Art: History and Appreciation; Music Art Forms
Religion 11	-----		3		The Sacred Liturgy
Philosophy 12	-----		3		Logic
Social Studies 21	-----		3		World Geography
Politics 22	-----		3		American Government
Biology 25	-----		3		Personal and Community Health
Philosophy 21	-----		3		Philosophy of Man

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SOPHOMORE YEAR

Geology 11	-----		4		Physical Geology
Mathematics 5-11	-----		3	3	Algebraic Structure and Freshman Mathematics
History 23-24	-----		3	3	American Civilization I-II
Religion 21	-----		3		Christ in the Scriptures
Education 41	-----		2		Child Psychology
Humanities 23-24	-----		2	2	World Literature
Education 30	-----			3	Educational Psychology
Speech 15	-----			2	Fundamentals of Speech
Physical Education 16	-----			2	First Aid and Safety
Elective	-----			3	

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JUNIOR YEAR

Biology 11	-----		4		Introductory Zoology
Education 48.1; 48.2	-----		2	2	Language Arts in Elementary School, I-II
Education 34	-----			3	Philosophy of Education
Education 48.4	-----		2		Methods in Elementary Arithmetic
Philosophy 31	-----		3		Metaphysics
Philosophy 36	-----			3	Ethics
Speech 41	-----			3	Elements of Speech Improvement
Education 48.6	-----			3	Methods in Music
Religion 31	-----			3	God and Creation
Education 44	-----			1	Professional Laboratory Experience
Education 40	-----			2	Children's Literature
Elective	-----			4	Science Requirements

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SENIOR YEAR

Education 48.3	-----		3		Methods in Natural and Social Science
Education 45	-----			6	Student Teaching
Physical Education 41	-----		2		Activities for Elementary Grade
Education 37	-----		3		Measurement and Evaluation
Education 47	-----			3	Arts, Skills and Crafts
Elective	-----		3	3	English
Elective	-----			3	History
Elective	-----			2	
Religion 43, 44	-----		3	3	Christian Morality; Christology

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COURSES IN EDUCATION

19. Principles of Secondary Education 3 hours

A presentation of the aims and functions of high school education; special problems of guidance proper to this stage in a student's development; the general program of studies and the contribution of individual subjects to the needs of secondary pupils. Catholic principles of education are stressed throughout the course.

26. Conservation of Natural Resources 3 hours

Elements of the conservation of natural resources (soils, water, biotic, mineral, recreational), with emphasis given to the general principles of conservation as they apply to the United States.

30. Educational Psychology: Psychology of Learning 3 hours

The course in educational psychology aims to give the student an understanding of the characteristics of human behavior and the factors which affect its development. Emphasis is placed on those basic facts and principles that are generally accepted by today's educators and that can be integrated into the student's own experience and made to function in his educational career.

Prerequisite: Philosophy 21. General Psychology.

32. General Methods 3 hours

This course deals with general principles of effective teaching in secondary schools. Topics for discussion include: selection and arrangement of subject matter; motivation and direction of learning activities; discipline; questioning, assignment and review procedure; problem-project teaching and socialized recitation; development of appreciation, attitudes and ideals.

33. History of Education 3 hours

An exposition of the development of school systems and educational practices in the United States from the Colonial Period to the present. Class work and reading assignments will include historical material to illustrate the rise of new movements and practices in education and biographical sketches of outstanding educational leaders.

34. Philosophy of Education 3 hours

A study of the philosophical principles underlying education as a social institution. The course aims to provide the student with norms for estimating the relative value of educational theories, practices, and agencies which influence the work of the schools.

35. Elementary Statistics 3 hours

An elementary course in statistical analysis. Problems are taken from education and psychology and include the computation and interpretation of the following: graphs, averages, percentiles, measures of central tendency, variability, normal distribution curve, sampling error, significance of differences between means, coefficients of correlation, design of experiments, analysis of variance, and Chi Square.

36. Elementary Curriculum 3 hours

A general introduction to the principles and trends in the various areas of the curriculum in the light of modern concepts of child development.

37. Measurement and Evaluation in Psychology and Education 3 hours

History of the testing movement; principles of test construction; qualities of and evaluation of teacher and standardized tests; a study of the various types of individual and group tests; basic statistical concepts, the application of tests to educational and psychological problems, and the evaluation, interpretation, and application of test results; practice in taking and giving tests in actual educational and psychological situations.

38. Sociology of Education 3 hours

The school and the society. The function of the school as an agent of culture transfer. Detail of current analyses. Projects.

39. Counseling and Guidance 2 hours

Principles and techniques of personal counseling and of educational and vocational guidance of high school students. Attention is given to the use of appropriate tests, rating scales, interview techniques, organization of the guidance program, placement and follow-up services in the high school.

40. Children's Literature 2 hours

A survey of traditional and contemporary literature for children from kindergarten through junior high school. Emphasis is placed on types of literature, methods of use, authors, and illustrators.

41. Child Psychology 2 hours

A study of the psychological factors in child development from birth to adolescence; attention is given to intellectual, emotional, social, physical and religious development.

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42. Psychology of Adolescence 3 hours

A study of the nature of adolescents with special reference to their physical, mental, emotional, social, moral and religious problems and development.

43. Mental Hygiene 3 hours

A study of the psychological evidence upon which the point of view, principles and techniques of mental hygiene are based; the application of the findings to the educative process.

44. Professional Laboratory Experiences 1 hour

Laboratory and seminar course involving guided observation and participation in the activities of the elementary school.

45. Student Teaching: Elementary School 6 hours

Semester's program of observation and teaching in an approved elementary school under the direction of an elementary critic teacher and the Director of Elementary School Teachers of St. Joseph's College. Lesson plans and conferences are requirements. A minimum of 36 hours of observation and 72 hours of actual teaching are necessary to qualify for certification in Indiana. Students qualifying for other states will be considered individually.

46. Student Teaching: High School 5-8 hours

This course is required of all students working for a high school teacher's license. Students are required to observe classes in the local schools for thirty to thirty-five periods, and to record the results of their observations. Each student is also required to plan and teach from sixty to sixty-five periods under the supervision of an approved supervising teacher. Individual conferences and group meetings are held weekly with the Director of Teacher Training.

Prerequisite: Senior standing.

47. Art Skills and Crafts 3 hours

The fundamentals of drawing, pattern composition, essentials of lettering and posters are intertwined with the materials, processes and products of industry. The student is shown how to organize this knowledge for effective teaching at the elementary level.

48.1 Language Arts in the Elementary School I 2 hours

This course covers the program of reading at the elementary level. It stresses the place and importance of reading in the elementary curriculum, reading-readiness, methods of approach, silent and oral reading, valuation, and remedial measures.

48.2 Language Arts in the Elementary School II 2 hours

This course stresses the child's expressional abilities—written and oral expression—and includes grammar, spelling and handwriting. It considers instructional methods, standards of achievement, and corrective measures.

48.3 Social Studies and Natural Sciences in the Elementary School 3 hours

A study of the place of the natural sciences and the social studies in the elementary curriculum; the classroom methods, techniques and materials in their areas; measurement of the results of teaching; curriculum content.

48.4 Teaching Arithmetic in the Elementary School 2 hours

Fundamentals of arithmetic; techniques and methods of teaching arithmetic in the elementary school; individual diagnosis; remedial teaching and evaluation.

48.6. Methods in Music 3 hours

Modern methods of presenting music to children in the elementary school. Discussion of such topics as rhythmic activity, singing, appreciation, and means of helping the less musically gifted child.

49. Special Methods: High School 2 hours

Professional academic courses are organized in each of the teaching fields described by the Comprehensive Areas. These courses deal with the particular aims, materials, and methods of the respective subjects as presented in the modern high school. Credit in Special Methods courses applies to the requirement in professional education, but may not be counted toward a major or a minor in the academic department to which the subject is related.

SPECIAL METHODS COURSES

49.LA. The Teaching of Language Arts in High School

For prospective teachers of English, speech, and journalism.

49.FL. The Teaching of Foreign Language in High School

For prospective teachers of German, French, Latin, and Spanish. Materials are adapted to individual needs.

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49.SS. The Teaching of Social Studies in High School

For prospective teachers of history, geography, economics, political science, and general business.

49.Sc. The Teaching of Mathematics and Natural Science

For prospective teachers of mathematics, general science, biology, chemistry, and physics.

49.PE. The Teaching of Health and Physical Education

For prospective teachers of health, and high school athletics.

49.Mu. The Teaching of Music in High School

For prospective teachers of music.

51. Honors Seminar in Education

3 hours

ENGINEERING

FIVE-YEAR ENGINEERING PROGRAMS

The following programs enable students to combine a liberal arts course at Saint Joseph's College with education in Engineering at a University or Technical School. Under this plan, the student attends Saint Joseph's for three years* and then transfers to the Engineering School for the completion of advanced courses in a particular field of engineering. Formal agreements on this 3-2 program have been completed with the following: **Marquette University; Purdue University; Rose Polytechnic Institute; Saint Louis University; University of Illinois; University of Notre Dame;** however, students may transfer to any accredited engineering college.

Upon the successful completion of the requirements from Saint Joseph's, the candidate will receive the Bachelor of Arts degree, and, upon the successful completion of the five-year course, the Bachelor of Science in Engineering from the school to which he has transferred. The B.A. degree for Aeronautical, Civil, Electrical, Mechanical, and Metallurgical engineering is given in Mathematics-Physics; for Agriculture, in Biology-Chemistry; for Chemical Engineering, in Chemistry; for Industrial Engineering, in Economics.

Students in the 3-2 program are accepted at these engineering schools only on recommendation of the Dean's Committee on Engineering. They must submit a formal application for transfer to an engineering school in the fall semester of their junior year.

The 3-2 Engineering student is subject to all graduation requirements. In place of the Comprehensive Examination, however, he should plan to take the Graduate Record Examination (Area Tests in Humanities, Natural Science and Social Science and the Advanced Test in Engineering or Agriculture). This test can be taken at Saint Joseph's (consult College Calendar) or at an authorized testing center, but no earlier than the eighth semester of the Engineer's course of studies. His scores on the Graduate Record Examination will be submitted for approval to the Division of Natural Sciences.

* Some programs may require a summer session at the engineering college.

Approved Sequence of Courses for the First Three Years
of the

- 1. Aeronautical Engineering Program
- 2. Mechanical Engineering Program
- 3. Civil Engineering Program
- 4. Electrical Engineering Program

FRESHMAN YEAR

	Semester		
	Hours		
English 3-4 -----	3	3	Rhetoric and Composition
Humanities 23-24 -----	2	2	World Literature
Mathematics 11, 12, 13, 14 -----	6	6	Freshman Mathematics
Philosophy 12, 21 -----	3	3	Logic; Philosophy of Man
Physics 24 -----		4	Mechanics, Thermometry
Religion 11 -----	3		The Sacred Liturgy
	—	—	
	17	18	

SOPHOMORE YEAR

Chemistry 11-12 -----	4	4	General Chemistry and Qualitative Analysis
Mathematics 31, 32 -----	3	3	Calculus III; Advanced Calculus
Humanities 25 -----	2		Music Art Forms
Humanities 27 -----	2		Art: History and Appreciation
Philosophy 31 -----		3	Metaphysics
Physics 25-26 -----	4	4	Thermodynamics; Electricity and Atomic Structure
Religion 21, 31 -----	3	3	Christ in the Scriptures; God and Creation
	—	—	
	18	17	

JUNIOR YEAR

History 11-12 -----	3	3	Development of Western Institutions (1)
Mathematics 9, 10 -----	3	3	Mechanical Drawing; Descriptive Geometry
Mathematics 34 -----		3	Differential Equations
Elective -----	3		Elective (2)
Philosophy, upper level -----		3	Required Elective
Physics 43, 44 -----	3	3	Statics; Dynamics
Religion 43, 44 -----	3	3	Christian Morality; Christology
Speech 15 -----	2		Fundamentals of Speech
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	17	18	

1 Students planning to attend Illinois Institute of Technology or Purdue choose Economics 21-22 instead of History 11-12

2 Civil Engineering students take Geology 11, Physical Geology; Electrical Engineering students take Physics 31, Electric Circuits.

**Approved Sequence of Courses for the First Three Years
of a Combined Program in Agriculture**

FRESHMAN YEAR

	Semester Hours		
Biology 11-12 -----	4	4	Zoology; Botany
English 3-4 -----	3	3	Rhetoric and Composition
History 11-12 -----	3	3	Development of Western Institutions
Humanities 23-24 -----	2	2	World Literature
Mathematics 11, 12 -----	3	3	Freshman Mathematics
Philosophy 12 -----	3		Logic
Religion 11 -----		3	The Sacred Liturgy
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	18	18	

SOPHOMORE YEAR

Chemistry 11, 12 -----	4	4	General Chemistry; Inorganic Chemistry and Qualitative Analysis
Humanities 27, 25 -----	2	2	Art: History and Appreciation; Music Art Forms
Mathematics 13, 14 -----	3	3	Calculus I, II
Philosophy 21, 31 -----	3	3	Philosophy of Man; Metaphysics
Physics 21-22 -----	4	4	College Physics
Religion 21, 31 -----	3	3	Christ in the Scriptures; God and Creation
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	19	19	

JUNIOR YEAR

Biology 43-44 -----	4	4	Microbiology
Chemistry 31-32 -----	4	4	Organic Chemistry
Economics 21 -----		3	Principles of Economics
Geology 11 -----	4		Physical Geology
Philosophy, upper level -----		3	Required Elective
Religion 43, 44 -----	3	3	Christian Morality; Christology
Speech 15 -----	2		Fundamentals of Speech
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	17	17	

Approved Sequence of Courses for the First Three Years of

- 1. Chemical Engineering Program
- 2. Metallurgical Engineering Program

FRESHMAN YEAR

	Semester		
	Hours		
Chemistry 13-14 -----	5	5	General Chemistry; Qualitative Analysis
English 3-4 -----	3	3	Rhetoric and Composition
Humanities 25 -----	2		Music Art Forms
Mathematics 11, 12, 13 -----	6	3	Freshman Mathematics; Calculus I
Philosophy 12 -----	3		Logic
Physics 24 -----		4	Mechanics, Thermometry
Religion 11 -----		3	The Sacred Liturgy
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	19	18	

SOPHOMORE YEAR

Chemistry 33 -----	4		Quantitative Analysis
Humanities 27 -----		2	Art: History and Appreciation
Mathematics 14, 31 -----	3	3	Calculus II and III
Philosophy 21, 31 -----	3	3	Philosophy of Man; Metaphysics
Physics 25, 26 -----	4	4	Thermodynamics; Electricity and Atomic Structure
Religion 21, 31 -----	3	3	Christ in the Scriptures; God and Creation
Speech 15 -----		2	Fundamentals of Speech
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	17	17	

JUNIOR YEAR*

Chemistry -----	4		Elementary Physical Chemistry
Chemistry 37, 38 -----	1	1	Literature of Chemistry; Pro-Seminar
History 11-12 -----	3	3	Development of Western Institutions
Humanities 23-24 -----	2	2	World Literature
Mathematics 9, 10 -----	3	3	Mechanical Drawing; Descriptive Geometry
Philosophy, upper level -----	3		Required Elective
Physics 43, 44 -----	3	3	Statics; Dynamics
Religion 43, 44 -----	3	3	Christian Morality; Christology
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	18	19	

* Students are to consult the Chairman of the Department of Chemistry before registering for their Junior Year.

Approved Sequence of Courses for the First Three Years of the Industrial Engineering Program

FRESHMAN YEAR

	Semester Hours		
Business 21, 22 -----	3	3	Principles of Marketing; Principles of Management
English 3-4 -----	3	3	Rhetoric and Composition
Mathematics 11, 12, 13, 14 -----	6	6	Freshman Mathematics
Philosophy 12 -----	3		Logic
Physics 24 -----		4	Mechanics, Thermometry
Religion 11, 21 -----	3	3	The Sacred Liturgy; Christ in the Scriptures
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	18	19	

SOPHOMORE YEAR

Accounting 21-22 -----	3	3	Principles of Accounting
Economics 21-22 -----	3	3	Principles of Economics
Mathematics 31, 34 -----	3	3	Calculus III; Differential Equations
Philosophy 21, 31 -----	3	3	Philosophy of Man; Metaphysics
Physics 25, 26 -----	4	4	Thermodynamics; Electricity and Atomic Structure
Religion 31 -----		3	God and Creation
Speech 15 -----	2		Fundamentals of Speech
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	18	19	

JUNIOR YEAR

Accounting 42 -----		3	Cost Accounting
Economics 49 -----	3		Catholic Social Teaching
Humanities 25, 27 -----	2	2	Music Art Forms; Art: History and Appreciation
Humanities 23, 24 -----	2	2	World Literature
Mathematics 9, 10 -----	3	3	Mechanical Drawing; Descriptive Geometry
Philosophy, upper level -----	3		Required Elective
Physics 43, 44 -----	3	3	Statics; Dynamics
Religion 43, 44 -----	3	3	Christian Morality; Christology
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	19	16	

DEPARTMENT OF ENGLISH

DEPARTMENT OF ENGLISH

The aims of the Department of English are: 1. To teach the student to read with understanding, and to write and speak with correctness, with exactness, and with some artistry. 2. To develop a capacity for the enjoyment of literature, especially of the major English and American authors. 3. To cultivate what Newman calls "enlargement of mind," which embraces breadth and depth of view, critical judgment, and good taste. 4. To provide adequate preparation for graduate studies, for teaching in secondary schools, and for the study of journalism or law.

A major sequence comprises a minimum of twenty-four semester hours in upper-level work. On the lower level the student planning an English major must take English 21-22. Furthermore, for graduation he must show twelve hours in a foreign language. Should he choose to make this his minor, he may, in computing the required twelve hours, include the credit from courses above the freshman level.

The Department's "Basic Reading List for English Majors" constitutes the minimal reading required through the several years of literary study. The freshman who plans the English major is expected to obtain his copy of this List promptly from the Department Chairman and to use it as a guide.

The group major in **English-Journalism** comprises a minimum of thirty semester hours in upper-level courses so distributed that each department is represented by at least twelve. Requirements: Journalism 11, 31 and 32, and six hours in a foreign language.

COURSES IN ENGLISH

3-4. Rhetoric and Composition 6 hours

This course embodies the study and practice of correct and effective writing. It includes a review of grammar, syntax, and the mechanics of expression.

7. Literary Analysis 3 hours

A course restricted to certain pre-theological students who have pursued a college preparatory curriculum and have by examination received credit in English 3. Some writing is integrated with the basic work—analytical study of many selections in the short story, essay, drama, and lyric.

Suggested Program of Courses for the A.B. Degree with English as Major Sequence

FRESHMAN YEAR

Semester

Hours

Biology 5 -----	3	Principles of Biology
English 3-4 -----	3 3	Rhetoric and Composition
History 11-12 -----	3 3	Development of Western Institutions
Humanities 23-24 -----	2 2	World Literature
Philosophy 12 -----	3	Logic
Religion 11 -----	3	The Sacred Liturgy
Science Requirements -----	2	Chemistry 5; or Geology 5; or Physics 5; or Physics 7
Electives -----	3 3	Foreign Language

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SOPHOMORE YEAR

English 21-22 -----	3 3	Introduction to Literary Studies; The English Language
Humanities 27, 25 -----	2 2	Art: History and Appreciation; Music Art Forms
Mathematics 5 -----	3	Algebraic Structure
Philosophy 21 -----	3	Philosophy of Man
Religion 21 -----	3	Christ in the Scriptures
Science Requirements -----	2	Chemistry 5; or Geology 5; or Physics 5; or Physics 7
Social Science -----	3	Economics; Geography; History; Political Science; Sociology
Speech 15 -----	2	Fundamentals of Speech
Electives -----	3 3	Foreign Language

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16 16

JUNIOR YEAR

English 31-32 or 43-42 -----	3 3	Shakespeare; or Chaucer; Neo-Classicism
English 33-34 or 45-46 -----	3 3	The Romantic Age; the Victorian Age; or the Novel; The Drama
English 35-36 or 41-48 -----	3 3	American Literature; or Renaissance; Literary Criticism
English, upper level -----	3 3	Elect from English 37, 44, 47
Philosophy 31 -----	3	Metaphysics
Religion 31 -----	3	God and Creation
Elective -----	6	

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18 18

SENIOR YEAR

English 31-32 or 43-42 -----	3 3	Shakespeare; or Chaucer; Neo-Classicism
English 33-34 or 45-46 -----	3 3	The Romantic Age; the Victorian Age; or The Novel; The Drama
English 35-36 or 41-48 -----	3 3	American Literature; or Renaissance; Literary Criticism
Philosophy, upper level -----	3	
Religion 43, 44 -----	3 3	Christian Morality; Christology
Elective -----	5 2	

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21. Introduction to Literary Studies 3 hours

A Survey of the general history of literature in English, the nomenclature of literary analysis and criticism, and the reading of representative master-works in the major literary genres. Required of all English majors.

22. The English Language 3 hours

The nature and history of language as particularly exemplified by English. Special studies in such areas as etymologies, meaning, and the units of English grammar, from the morpheme to the sentence as a whole. Required of all English majors.

31-32. Shakespeare 6 hours

A critical study of Shakespeare's life and works. The first semester includes the author's works to approximately 1600; the second semester, his later writings. (Offered 1961-62)

33. The Romantic Age 3 hours

A study of the main writers of the period and their relation to their own and later times. (Offered in 1961-62)

34. The Victorian Age 3 hours

A study of the main Victorian and later Victorian writers and their relation to contemporary ideas. (Offered in 1961-62)

35-36. American Literature 6 hours

The major prose and poetry writers of American literature are studied critically and historically. (Offered in 1961-62)

37. Advanced Writing 3 hours

Advanced studies in expository, descriptive, narrative and persuasive writing. (Offered every year)

41. Renaissance 3 hours

A study of selected non-dramatic writings by the major English authors from St. Thomas More to Milton inclusive. (Offered in 1962-63)

42. Neo-Classicism 3 hours

A study of major writers of the English revival of classicism. (Offered in 1962-63)

43. Chaucer 3 hours

After an introduction into the life and times of Chaucer, the student analyzes linguistically and reads critically the Middle English of the *Canterbury Tales* and *Troilus and Criseyde*. (Offered in 1962-63)

44. Contemporary British Literature 3 hours

A survey of the chief authors and major works and trends in English since 1918, exclusive of the drama and the novel. (Offered in 1962-63)

45. The Novel 3 hours

A study of the major English and American novelists from Richardson to the present time. (Offered in 1962-63.)

46. The Drama 3 hours

A survey of the chief trends in English and American drama from the beginnings to the present, with emphasis on the reading of representative plays exclusive of Shakespeare's. (Offered in 1962-63.)

47. Catholic Literature 3 hours

An introduction to the Catholic literary revival in England and America since 1800, and its ties with Catholic literature in other tongues. (Offered in 1962-63.)

48. Literary Criticism 3 hours

A study of the nature, basic values, and techniques of literatures as interpreted by various critics. Insight into principles, criteria, and methods is deepened through selected reading. (Offered in 1962-63.)

51. Honors Seminar in English 3 hours

COURSES IN FRENCH

1-2. Introductory French 6 hours

Careful training in the fundamentals of French grammar and pronunciation. Simultaneous development of the four ends of language study: reading, aural comprehension, writing and speaking.

21-22. Intermediate French 6 hours

Review of basic grammatical forms, plus advanced grammar and idiomatic usage. Reading of selected texts and written reports are required.

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31. Advanced Composition

3 hours

Correct, idiomatic and effective writing in French. Translations are assigned, as well as topics for individual creative writing.

32. Advanced Conversation

3 hours

Systematic and intensive French oral practice. Topics are assigned for individual presentation and group discussion. The class is conducted in French, and audio-visual aids are used to perfect pronunciation and inflection.

35-36. French Literature to the 19th Century

6 hours

A survey of French literature from its beginnings to the nineteenth century. Readings from the most important authors. Oral and written reports are required.

41-42. French Literature of the 19th and 20th Century

6 hours

A survey of French literature of the nineteenth and twentieth centuries. Readings from representative authors. Oral and written reports are required.

DEPARTMENT OF GEOLOGY

In addition to their contribution to general education the courses in geology are designed to prepare the student for entrance into graduate school or specific occupational fields. In this latter respect the courses are intended to prepare the student for a position with the United States Civil Service Commission, to enable him to work with the United States Geological Survey and State Geological Surveys, or to train him for employment in the petroleum or mining industries, or with the National Park Service, either in the field or in the laboratory.

The minimum requirement for a major is twenty-four semester hours in upper-level courses including Geology 32, 39, 43 and 44. For a minor sequence, twelve semester hours in upper-level courses are required.

Students majoring in Geology must show credit in or give evidence of sufficient knowledge of Physics 21-22, or 23-24, Chemistry 11, 12, and Mathematics 11, 12.

Laboratory fees: Geology 11 and 12, each \$5.00. Geology 33, 34, 37, 41, 42, and 46, each \$7.50.

Mathematics 13, 14 are strongly recommended for the Geology major.

COURSES IN GEOLOGY

5. Principles of Geology 2 hours

An introduction to geological science. This course deals with the study of the physical and historical geology of the earth as revealed in rock formations and other natural features.

11. Physical Geology 4 hours

This course introduces the student to the field of geology through a study of the following topics: rock weathering, mass wasting, sculpture of lands by streams, subsurface water, lakes and swamps, glaciation, erosion and deposition by the wind, marine erosion, volcanoes, deformation of the earth's crust, earthquakes, metamorphism, land forms, the common rocks and minerals, topographic maps. Three lectures and one laboratory period each week.

12. Historical Geology 4 hours

A further introduction to the field of geology through a study of the following topics: earth history recorded in the rocks, the constant change of living things, the scale of time, the Precambrian, Paleozoic, Mesozoic and Cenozoic world, fossils, geologic maps. Three lectures and one laboratory period each week.

Prerequisite: Geology 11.

32. Graphic Procedures in Geology 3 hours

This course covers the elements of engineering drawing as applied to geologic problems. The first half of the semester is devoted to instruction in sketching, lettering, use of instruments, the construction of charts, maps, and geologic illustrations. The second half of the course covers the principles of orthographic projection and plane descriptive geometry as used in the solution of practical geologic problems. Three two-hour periods per week. Prerequisite: Geology 12 and consent of Instructor.

33. Mineralogy 4 hours

A course dealing with physical, chemical, descriptive, economic, and determinative mineralogy, and the fundamentals of crystallography. Two lectures and two laboratory periods each week.

Prerequisite: Chemistry 11, 12.

34. Petrology 3 hours

A study of the formation, occurrence, and characteristics of the common rocks together with their field identification. Two lectures and one laboratory period each week.

Prerequisite: Geology 12 and 33.

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Suggested program of courses for the A.B. or B.S. degree with
Geology as Major Sequence*

FRESHMAN YEAR

	Semester		
	Hours		
Chemistry 11, 12 -----	4	4	General Chemistry ; Inorganic Chemistry and Qualitative Analysis
English 3, 4 -----	3	3	Rhetoric and Composition
Geology 11, 12 -----	4	4	Physical ; Historical
Mathematics 11, 12 -----	3	3	Freshman Mathematics
Philosophy 12 -----		3	Logic
Religion 11 -----	3		The Sacred Liturgy

	17	17	

SOPHOMORE YEAR

Geology 32 -----	3		Graphic Procedures in Geology
Geology 33, 34 -----	4	3	Mineralogy ; Petrology
Humanities 23-24 -----	2	2	World Literature
Humanities 27 -----	2		Art: History and Appreciation
Philosophy 21 -----	3		Philosophy of Man
Physics 21, 22 (or 23, 24) ----	4(5)	4(5)	College Physics (Engineering Physics)
Religion 21 -----		3	Christ in the Scriptures
Speech 15 -----		2	Fundamentals of Speech

	15-16	17-18	

JUNIOR YEAR

Geology 35 -----	3		Geomorphology
Geology 43 -----	4		Structural Geology
Geology 41, 44 -----	4	3	Invertebrate Paleontology ; Stratigraphy
History 11-12 -----	3	3	Development of Western Institutions
Humanities 25 -----		2	Music Art Forms
Philosophy 31 -----		3	Metaphysics
Religion 31 -----		3	God and Creation
Minor Sequence -----	3	3	

	17	17	

SUMMER SESSION

Geology 39 -----	6	Field Geology
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SENIOR YEAR

Geology 37, (42) -----	2(3)		Photogeology, (Subsurface Geology**)
(Geology 46) -----	(3)		(Economic Geology**)
Geology 47, 48 -----	1	1	Seminar in Geology
Philosophy, upper level -----	3		Required Elective
Religion 43, 44 -----	3	3	Christian Morality, Christology
Social Science, lower or upper level -----	3		Required Elective
Minor Sequence -----	3	3	
Electives -----	3	6	

	18	16	

* In planning the courses for the minor sequence, students must bear in mind the prerequisites for upper level courses. This may require certain adjustments in the sophomore and possibly also the freshman year.

**Geology 42 and 46 are offered in alternate years.

35. Geomorphology 3 hours

The study of the land forms produced by various geologic processes on the surface of the earth; the use of land forms in the interpretation of geologic history. Two lectures and one laboratory period each week.

Prerequisite: Geology 12.

37. Photogeology 2 hours

The course embraces the evaluation and depiction of geologic phenomena from aerial photographs. The primary emphasis is placed on the delineation of structural, petrologic, geomorphic and cultural features. Two laboratory periods per week. Prerequisite: Geology 12, 34.

39. Field Geology 6 hours

Geology of the Silver City Region, New Mexico. A six weeks summer field course directed from the campus of St. Mary's Academy in Silver City. Field training in stratigraphy, structure, geomorphology and economic geology. Topographic mapping; geologic mapping with plane table, Brunton compass, topographic maps, and aerial photographs.

Prerequisite: Geology 12; consent of the Director.

41. Invertebrate Paleontology 4 hours

Morphology, classification, geological significance of fossils; special study of index fossils of North America. Three lectures and one laboratory period each week.

Prerequisite: Geology 12.

42. Subsurface Geology 3 hours

A course on the subsurface geology of the occurrence and production of oil and other mineral bodies. Two lectures and one laboratory period each week. (To be offered 1962-63)

Prerequisites: Geology 12, 34, and 41.

43. Structural Geology 4 hours

A study of the framework of the earth's crust; the deformation of the earth, its causes and effects. Three lectures and one laboratory period each week.

Prerequisites: Geology 12, 34 and Mathematics 11-12.

44. Stratigraphy 3 hours

Methods of description, classification and interpretation of

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faunal and facies changes; correlation of stratigraphic units, with emphasis on those of Indiana and Illinois. Laboratory and field exercises in stratigraphic problems. Two lectures and one laboratory period each week.

Prerequisites: Geology 12, 34, and 41.

46. Economic Geology 3 hours

A study of the general principles for the formation of mineral deposits, together with an application of these principles to the study of specific economic mineral deposits. Two lectures and one laboratory period. (To be offered 1961-62.)

Prerequisites: Geology 12, and 34.

47-48. Seminar in Geology 2 hours

Discussion of special problems.

Prerequisite: Senior standing.

51. Honors Seminar in Geology 3 hours

COURSES IN GERMAN

1-2. Introductory German 6 hours

Exercises in pronunciation, essentials of grammar, and functional vocabulary. Intensive reading from graded texts.

21-22. Intermediate German 6 hours

Review of grammar. Practice in reading and writing. Required selections from modern works in the narrative, dramatic, and scientific styles.

26. Scientific German 3 hours

An intensive reading course for students majoring in science. This course may be substituted for German 22.

35-36. German Literature 6 hours

A survey of German literature. Reading assignments; oral and written reports.

41-42. German Drama 6 hours

A study of the works of Goethe and Schiller as representative of the classical period, and the reading of modern dramatists from Kleist to Hauptmann.

COURSES IN GREEK

1-2. Elements of New Testament Greek 6 hours

A study of the fundamentals of inflection and rules of syntax as found in the Greek of the New Testament.

21. The Greek New Testament 3 hours

The course aims to impart a reading knowledge of the Greek New Testament through the reading of some selections from the Gospels and the *Acts of the Apostles*.

DEPARTMENT OF HISTORY

The Department of History attempts to explain events by their human causes and to discern in them where appropriate the influence of Providence and the play of man's free will, to develop the ability to judge critically, to lay the foundations for that general culture which requires the knowledge and background necessary for intelligent and useful citizenship.

Concentration in History prepares a student for teaching in secondary schools, for entrance into graduate or law school, and provides a broad cultural basis in a four-year liberal arts program.

A major sequence in History requires History 11-12, and twenty-four semester hours on the upper level, including History 33 and 50. Students who plan to enter graduate school are advised to include in their programs at least twelve hours or the equivalent in a foreign language, preferably French or German.

A minor sequence in History requires twelve hours in upper-level courses.

COURSES IN HISTORY

11-12. The Development of Western Institutions 6 hours

The origins and growth of the basic social and cultural institutions of Western Civilization. Their pre-literary origins, the ancient Mediterranean world, and medieval society are considered during the first semester; their development in the modern world since the seventeenth century is treated in the second semester.

21. World Geography 3 hours

This course presents to the student the life and occupations of man as related to geographic conditions. The social, political, and

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industrial development of typical regions is studied in relation to such factors as land utilization, natural highways and boundaries, and distribution of natural resources.

23-24. American Civilization, I-II 6 hours

A study of American civilization from its European origins until 1865 in the first semester; its development since 1865 until the present is considered in the second semester.

32. Classical Civilization 3 hours

A study of the two centers of classical civilization, Athens (500 to 400 B.C.) and Rome (100 B.C. to 100 A.D.). Emphasis is placed on Athenian cultural attainments and on Roman political developments.

33. History of the Middle Ages 3 hours

The development of Europe from the disintegration of the Roman Empire in the West to the Renaissance. The Church, feudalism, the manorial system, and town life are among the major topics treated. Stress is placed upon the social and economic life in the period.

35. The Founding of the United States 3 hours

After a review of the American colonial and revolutionary heritage, attention is concentrated on the framing of the Constitution, the party battles of the era of Hamilton and Jefferson, and the emergence of Jacksonian Democracy, cultural nationalism, the Monroe Doctrine, and the Marshall Court.

36. History of the American Frontier 3 hours

The influence of the West on American political, economic, and social life from colonial beginnings to 1890, with special reference to the public lands, internal improvements, sectionalism, and territorial expansion.

37. Civil War and Reconstruction 3 hours

A study of the slavery question, the disruption of the party system, the war between the states, and the issues and problems of reconstruction.

38. Recent American History 3 hours

The most recent era in the growth of the American people is studied in its world setting.

39. History of Latin America 3 hours

A study of the main trends in the development of Latin American civilization from the Age of Discovery to Recent Times.

Suggested Program of Courses for the B.A. Degree with History as Major Sequence

FRESHMAN YEAR

	Semester Hours		
English 3-4 -----	3	3	Rhetoric and Composition
History 11-12 -----	3	3	Development of Western Institutions
Humanities 25, 27 -----	2	2	Music Art Forms Art: History and Ap- preciation
Mathematics 5 -----	3		Algebraic Structure
Philosophy 12 -----		3	Logic
Political Science 21-22 -----	3	3	Introduction to Political Science; Ameri- can Government
Religion 11 -----	3		The Sacred Liturgy
Science Requirements -----		2	Chemistry 5; Geology 5; Physics 5, 7
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		17	16

SOPHOMORE YEAR

Biology 5 -----	3		Principles of Biology
History 23-24 -----	3	3	American Civilization I-II
Humanities 23-24 -----	2	2	World Literature
Philosophy 21 -----		3	Philosophy of Man
Religion 21 -----	3		Christ in the Scriptures
Science requirements -----		2	Chemistry 5; Geology 5; Physics 5, 7
Speech 15 -----		2	Fundamentals of Speech
Electives -----	3	6	French or German or Economics 21-22
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		16	16

JUNIOR YEAR

History 33, 32 -----	3	3	Middle Ages; Classical Civilization
History 50 -----		3	Pro-Seminar
History 35, 36 -----	3	3	American Colonies; American Frontier
Minor Sequence -----	3	3	
Philosophy 31 -----	3		Metaphysics
Religion 31 -----		3	God and Creation
Electives -----	5	3	Recommended: French or German
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		17	18

SENIOR YEAR

History 37,38 -----	3	3	Civil War; Recent American History
History 47 or 49, 48 -----	3	3	Early Modern Europe or World Since 1914; Europe in the 19th Century
History 39, 44 -----	3	3	Latin America; Modern Russia
Minor Sequence -----	3	3	
Philosophy, upper level -----	3		Recommended: History of Philosophy
Religion 43, 44 -----	3	3	Christian Morality; Christology
Elective -----		2	
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		18	17

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41. History of England to 1603 3 hours

The constitutional, imperial, and social growth of the English from the beginnings to the Stuart age. (Offered in 1962-63.)

42. History of England since 1603 3 hours

The constitutional, imperial, and social growth of the English people from Stuart times to the present. (Offered in 1962-63.)

44. History of Modern Russia 3 hours

The origins and development of the revolutionary movements and the basic factors in Russian and Soviet foreign policy from the eighteenth century to the present time.

45. Constitutional History of the United States to 1865 2 hours

A consideration of judicial interpretations affecting the formation of a Federal Union.

46. Constitutional History of the United States since 1865 2 hours

Attention is drawn to the judicial solutions of problems arising under a more centralized form of government.

47. Early Modern Europe, 1500-1789 3 hours

A study of the Renaissance, the Reformation, and the Catholic Counter-Reformation; the age of the Baroque and the 18th Century.

48. Europe in the Nineteenth Century, 1789-1914 3 hours

Nineteenth century Europe, with emphasis on the French Revolution and its influence, liberalism, nationalism, materialism, and the origins of the first World War.

49. The World Since 1914 3 hours

A study of warfare, totalitarianism, dictatorships, and "collective security" in our own times.

50. Pro-Seminar in History 3 hours

An introduction, by means of directed reading and individual projects, to the methods of historical research, historiography, and the philosophy of history.

51. Honors Seminar in History 3 hours

HONORS DEPARTMENT

This department was organized in May 1959 in order to enable exceptional students to broaden and deepen their knowledge. Students

having a cumulative index of 3.00 or better are permitted to register for these courses and to submit them towards major, minor or degree requirements.

HONORS COURSES

100. Introduction to Knowledge 3 hours

An examination of the origins, development and perfection of knowledge and of the branches of higher learning. (Open to Freshmen only; Fr. Maziarz)

101. Comparative Education 3 hours

The major emphasis in this course is on the contemporary status of education in a selected number of representative countries of the world and the comparison of these educational systems with that of the United States. Attention is also centered on the international, government sponsored, and non-government educational organizations and agencies and their cooperative efforts in education. (Offered Fall, 1959-60; Sr. M. Audrey)

102. Contemporary Moral Problems 3 hours

This course deepens the Catholic intellectual's appreciation of the most pressing contemporary moral problems. Such problems arise in three areas: 1) in the very structure of Christian moral teaching, as the result of biblical and patristic studies and of contact with contemporary philosophy; 2) in theology's efforts to assimilate the findings of the positive sciences, notably psychology and sociology; 3) in today's closer association of Catholics with non-Catholics in political, economic and cultural life. (Offered Spring, 1959-60; Fr. Lubeley)

103. Medieval Institutions 3 hours

An interpretative study of the great institutions of the Middle Ages—the Church, feudalism, law, the manor, the town, the schools and university—through selected classics in medieval history. The place of each institution in the fabric of medieval life is analyzed, together with the great ideas associated with it. Stress is placed on the cultural and social aspects of Western Europe from the seventh to the fifteenth centuries. (Offered Fall, 1959-60; Fr. Shea)

104. Great Historians and Their Ideas. 3 hours

A study of selected works of some eight major historians and philosophers of history, representative of the main trends in historical interpretation and method. (Offered Spring, 1959-60; Fr. Shea)

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105. Comparative Religions 3 hours

By means of weekly research, reports and discussion, the student investigates the principal elements of primitive and historical religions, comes to grips with the problems on the origin, development and nature of religion in general, and compares the so-called "natural religions" with the Judaeo-Christian tradition. (Offered Spring, 1959-60; Fr. Bierberg)

106. Studies in Satire and Irony 3 hours

Studies of the nature and uses of satire and irony as these forms appear in Western Literature. Wide readings in British, American, Continental, and Classical authors universally noted for their excellence in these genres. Weekly discussions and periodic papers. (Offered Spring, 1960-61; Fr. Druhman)

107. Economic Systems: Capitalism, Socialism & The Functional Economy 3 hours

A comparative examination of the theoretical foundations, the historical origins, and the actual operations of the three major types of economic systems. (Offered Fall, 1960-61; Dr. Jones)

108. Introduction to the History of Science 3 hours

A study of the men at the forefront of natural science in its periods of greatest advance, from the Greeks to the present, in an effort to appreciate their points of view and evaluate their contributions to man's understanding of physical nature. (Offered Spring, 1960-61; Fr. Kramer)

109. American Protestants 3 hours

A study of the principal Protestant Denominations, with special consideration to their doctrine and practice, their worship and life, their relations with Catholicism and with each other, contemporary ecumenism and the World Council of Churches. (Offered Fall, 1960-61; Fr. Bierberg)

110. The Christian Ethic in American Business 3 hours

An attempt to trace the sources of and reasons for the conduct of American business. The course begins with intensive readings from selected Catholic and non-Catholic writings. Tracing the direct reaction of theory on practice is sought by intensive reading of some of the "classic" business novels. (Offered Spring, 1960-61; Mr. Marini)

HUMANITIES COURSES

All students must, for graduation, show eight semester hours in the following courses.

23-24. World Literature 4 hours

Great classics—ancient, medieval, and modern—are read in translation, with attention to the continuity of broad literary trends, to the interrelation of literatures, and to such artistic values as are preserved in translation.

25. Music Art Forms 2 hours

The aim of this course is to lay the foundation for an intelligent appreciation of music and of its relation to human experience. The nature of music, its forms, and its development are studied, with some attention to the great composers in various periods. Listening to records and specified radio programs and attendance at local concerts are integrated with the course.

27. Art: History and Appreciation 2 hours

A course designed to furnish the student with a background for an understanding of the arts and to broaden his judgment in regard to what constitutes beauty and good taste. A brief survey of painting, sculpture, architecture, and the minor arts of all periods.

DEPARTMENT OF JOURNALISM

The aim of the Department is to prepare the student for professional work in journalism or for graduate study in the field by providing him with an understanding of the principles, problems, responsibilities and some of the practices of the press in a Democratic society, and cultivating in him a maximum degree of competence in non-fiction writing.

The journalism student can choose between two group majors, Journalism-Social Science and English-Journalism.

The Journalism-Social Science program has the added aim of providing the student, with the help of the Departments of Political Science, Economics and History, with a knowledge of those fields about which he might well be expected to know as a professional journalist. The Journalism-Social Science major must take thirty-six hours of upper-level courses, and these must include a minimum of twelve hours in journalism, twelve in political science, six in economics and six in history. The following courses are required: Journalism

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Suggested Program for Group Major in English-Journalism

FRESHMAN YEAR

	Semester Hours		
Biology 5 -----	3		Principles of Biology
English 3-4 -----	3	3	Rhetoric and Composition
History 11-12 -----	3	3	Development of Western Institutions
Humanities 25, 27 -----	2	2	Music Art Forms; Art: History and Ap- preciation
Journalism 11 -----	3		Introduction to Journalism
Philosophy 12 -----		3	Logic
Religion 11 -----	3		The Sacred Liturgy
Foreign Language -----	3	3	
	—	—	
	17	17	

SOPHOMORE YEAR

Humanities 23-24 -----	2	2	World Literature
Journalism 31-32 -----	3	3	News Writing and Reporting; Editing
Mathematics 5 -----		3	Algebraic Structure
Philosophy 21 -----	3		Philosophy of Man
Religion 21 -----	3		Christ in the Scriptures
Science Requirements -----	2	2	Chemistry 5; Geology 5; Physics 5, 7
Speech 15 -----		2	Fundamentals of Speech
Electives -----	3	3	
	—	—	
	16	15	

JUNIOR YEAR

English 37, 48 -----	3	3	Advanced Writing; Literary Criticism
English, Elective -----	3	3	Elect from English 31-32; 35-36; 45-46
Journalism 33-34 -----	3	3	Editorial Persuasion; Magazine Writing
Journalism 42 or 44 -----		3	Public Opinion and Propaganda; or Ethics of Journalism
Philosophy 31 -----	3		Metaphysics
Religion 31 -----	3		God and Creation
Electives -----	3	6	
	—	—	
	18	18	

SENIOR YEAR

English, Elective -----	6	6	Elect from 31-32; 35-36; 45-46
Journalism 42 or 44 -----		3	Public Opinion and Propaganda; or Ethics of Journalism
Journalism 51 -----	(3)		Honors Seminar
Philosophy 44 -----		3	Contemporary Philosophy
Religion 43-44 -----	3	3	Christian Morality; Christology
Electives -----		6	
	—	—	
	15	(18)	

Suggested Program for Group Major in Journalism-Social Science

FRESHMAN YEAR

		Semester	
		Hours	
Biology 5	-----	3	Principles of Biology
English 3-4	-----	3 3	Rhetoric and Composition
History 11-12	-----	3 3	Development of Western Institutions
Humanities 25, 27	-----	2 2	Music Art Forms; Art: History and Appreciation
Journalism 11	-----	3	Introduction to Journalism
Philosophy 12	-----	3	Logic
Political Science 22	-----	3	American Government
Religion 11	-----	3	The Sacred Liturgy
Science Requirements	-----	2	Chemistry 5; Geology 5; Physics 5, 7
		— —	
		17 16	

SOPHOMORE YEAR

Economics 21-22	-----	3 3	Principles of Economics
Humanities 23-24	-----	2 2	World Literature
Journalism 31-32	-----	3 3	News Writing and Reporting; Editing
Mathematics 5	-----	3	Algebraic Structure
Philosophy 21	-----	3	Philosophy of Man
Religion 21	-----	3	Christ in the Scriptures
Science Requirements	-----	2	Chemistry 5; Geology 5; Physics 5, 7
Electives	-----	3 3	
		— —	
		16 17	

JUNIOR YEAR

Economics 46	-----	3	Business Cycles
Journalism 33, 34	-----	3 3	Editorial Persuasion; Magazine Writing
Journalism 42 or 44	-----	3	Public Opinion and Propaganda; or Ethics of Journalism
Philosophy 31	-----	3	Metaphysics
Political Science 33	-----	3	Political Parties and Pressure Groups
Political Science 39	-----	3	Public Administration
Political Science 44	-----	3	International Relations
Religion 31	-----	3	God and Creation
Speech 15	-----	2	Fundamentals of Speech
Electives	-----	3 3	
		— —	
		17 18	

SENIOR YEAR

Economics 37	-----	3	Government and Business
History 38	-----	3	Recent American History
History 44	-----	3	History of Modern Russia
Journalism 51	-----	(3)	
Journalism 42 or 44	-----	3	Honors Seminar Public Opinion and Propaganda; or Ethics of Journalism
Philosophy 44	-----	3	Contemporary Philosophy
Political Science 41	-----	3	Ancient and Medieval Political Phil- osophy
Religion 43-44	-----	3 3	Christian Morality; Christology
Electives	-----	3 3	
		— —	
		15 15 (18)	

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31 and 32; Political Science 33, 39, 41 and 44; Economics 37 and 46. and History 38 and 44.

On the lower level, the following courses are required of the Journalism-Social Science major: Journalism 11, Political Science 22, Economics 21 and 22.

Journalism-Social Science majors expecting to pursue graduate study in journalism are advised to show at least six hours of credit in a foreign language, preferably French or German. Such students are also strongly advised to take as many hours of journalism as possible above the minimum requirement of twelve.

The group major in English-Journalism comprises a minimum of thirty semester hours in upper-level courses so distributed that each department is represented by at least twelve. Requirements: Journalism 11, 31 and 32, and six hours of a foreign language.

For a minor sequence in journalism, the student must show twelve semester hours in upper-level credit. Journalism 11 is not a prerequisite for a minor.

COURSES IN JOURNALISM

11. Introduction to Journalism 3 hours

A basic course which precedes upper-level work. It examines the nature of the mass media of communication, with emphasis on their underlying principles and the major problems facing each of them. Includes a consideration of the several types of journalistic writing.

31. News Writing and Reporting 3 hours

A writing course stressing objective communication in the form of news and interpretative reporting.

32. Editing 3 hours

The study and practice of copy editing, with emphasis on the achievement of meaning in written communication. Also considers headline writing, typography, and the principles of makeup. Includes an analysis of content in newspapers and news magazines.

33. Editorial Persuasion 3 hours

Analysis of the means of persuasion as outlined in Aristotle's *Rhetoric*: good character in the writer and proper appeal to the reader's intellect and emotion. Practical use of Aristotle's principles by the editorial writer.

34. Magazine Writing 3 hours

A study of non-fiction writing in its various forms as they appear in the mass media.

42. Public Opinion and Propaganda 3 hours

A study of the nature of public opinion in a democratic society, with emphasis on the role of the mass media in its formation, and of the principles and techniques of propaganda. (Offered in 1962-63)

44. Ethics of Journalism 3 hours

An application of ethics to the press in the light of current problems and professional codes; a study of the laws, such as those of libel and copyright, which affect the relationship between the press and society. (Offered in 1961-62.)

51. Honors Seminar in Journalism 3 hours

COURSES IN LATIN

1-2. Introductory Latin 6 hours

A course designed for students who have not taken Latin in high school; it covers in one year the matter usually taken in two years of high school Latin.

3-4. Intermediate Latin 6 hours

A course designed for students who present two years of Latin from high school, or the equivalent. Selections from Caesar's Gallic Wars, the Catalinian Orations, and Vergil's Aeneid form the subject matter of the course.

5. Cicero 3 hours

Pro Archia and selections from the *De Amicitia*, *De Senectute*, and the Letters of Cicero.

Prerequisite: Latin 3-4 or equivalent.

6. Horace 3 hours

Selected odes, epodes, and satires.

7-8. Latin Composition I 2 hours

Graded exercises for translating from English to Latin. This course is complementary to Latin 5 and 6.

15. Readings in Ecclesiastical Latin 3 hours

Extensive reading in the *Catechismus Catholicus* of Cardinal Gasparri is used as the means of developing fluency and comprehension.

21. **Livy** 3 hours
 Selections from Livy's *History of Rome*.
22. **Latin Hymns and Ecclesiastical Writers** 3 hours
 A study of selected hymns from the Roman Breviary and of texts commonly used in the major seminary.
- 25-26. **Latin Composition II** 2 hours
 Advanced exercises in continuous prose composition.

DEPARTMENT OF MATHEMATICS

The departmental courses in mathematics are designed to help the student attain: 1. An understanding and appreciation of the fundamental methods of deductive reasoning. 2. Certification for teaching mathematics in secondary schools. 3. Adequate preparation for work in graduate or professional schools. 4. Facility in using the tools of mathematics, particularly in the natural sciences and in business.

A comprehensive one-year course of freshman mathematics is offered for students who require it for their special fields—including geology, business, education, sociology, and pre-medical courses, as well as physics, mathematics, chemistry, and engineering. The course provides utilitarian mathematics plus a broad coverage of philosophy of mathematics and of advanced courses dealing with mathematics as a cultural entity.

The minimum requirement for a major in mathematics is twenty-four semester hours in upper-level courses including Mathematics 31, 33, 34, and 41. For a minor sequence nine semester hours in upper-level courses are required including Mathematics 33 and 41.

COURSES IN MATHEMATICS

5. **Algebraic Structure and the Number System** 3 hours
 This course is designed for students who otherwise are not required to go on in Mathematics. It has as its aim to provide such students with an insight into the inner workings of mathematics rather than superficial manipulations, to instill in them an interest in this science, to increase their ability to think rigorously and to set up a solid foundation of mathematical concepts upon which they can build. Content: development of the number system, its operations and algebraic properties; role of functions; conditional equations and identities; exponents, radicals and logarithms; and comparative algebras, e.g. algebra of sets.

9. Mechanical Drawing 3 hours

This course deals with the fundamentals of drafting procedure including the care and use of drafting instruments, drawing-board geometry, orthographic projection, technical sketching and perspective drawing. Three two-hour periods each week.

10. Descriptive Geometry 3 hours

This course deals with the orthographic representation of points, lines, and planes and their fundamental geometric relations. Geometric problems are solved on the basis of orthographic projection. Three two-hour periods each week.

Prerequisite: Mathematics 9.

11. Fundamental Mathematics and Algebra 3 hours

Development of the number system, its operations and algebraic properties, functions, equations, identities, exponents, radicals, logarithms, rational numbers and fields, real and complex numbers. Offered during the first eight weeks of the first semester.

12. Trigonometry and Analytical Geometry 3 hours

Introduction to probability and statistics; trigonometric functions, derivation of standard formulas, trigonometric identities, solution of triangles; coordinate systems, graphing, straight line conic sections, and the general equation of the second degree. Offered during the second eight weeks of the first semester.

13. Calculus I 3 hours

Limits, derivatives, differentials, integrals of algebraic forms, constant of integration and definite integral. Offered during the first eight weeks of the second semester.

14. Calculus II 3 hours

Derivatives, differentials, and integrals of transcendentals with applications to parametric equations and polar equations; curvature, Theorem of Mean Value, reduction formulas; introduction to set theory and to number theory. Offered during the second eight weeks of the second semester.

(Mathematics 11, 12, 13, 14 are prerequisites for all upper level courses except Mathematics 33. Mathematics 11 and 12 are prerequisite for Mathematics 13 and 14.)

Suggested Program of Courses for the A.B. or B.S. Degree
with Mathematics as Major and Physics as Minor Sequence**

FRESHMAN YEAR

	Semester		
	Hours		
English 3-4 -----	3	3	Rhetoric and Composition
History 11-12 -----	3	3	Development of Western Institutions
Humanities 27, 25 -----	2	2	Art: History and Appreciation; Music Art Forms
Mathematics 11, 12, 13, 14 -----	6	6	Freshman Mathematics
Philosophy 12 -----		3	Logic
Religion 11 -----	3		The Sacred Liturgy

	17	17	

SOPHOMORE YEAR

Humanities 23-24 -----	2	2	World Literature
Mathematics 31-32 -----	3	3	Calculus III; Advanced Calculus
Philosophy 21 -----		3	Philosophy of Man
Physics 23-24 -----	5	5	Engineering Physics
Religion 21 -----	3		Christ in the Scriptures
Speech 15 -----	2		Fundamentals of Speech
Elective -----		3	

	15	16	

JUNIOR YEAR

Mathematics 31, 32 or 33, 34 -----	3	3	Calculus III, Adv. Calculus; College Geometry, Differential Equations
Mathematics 37, 36 -----	3	3	Solid Analytics; Theory of Numbers
Mathematics 41 -----	3		Theory of Equations
Mathematics 43 or 44 -----		3	History of Mathematics; Determinants and Matrices
Philosophy 31 -----	3		Metaphysics
Physics 31 -----		3	Electric & Magnetic Circuits
Physics 41-42 or 45-46 -----	3	3	Modern Physics; Electronics
Electives -----	2		
Religion 31 -----		3	God and Creation

	17	18	

SENIOR YEAR

Mathematics 31, 32 or 33, 34 -----	3	3	Calculus III, Adv. Calculus; College Geometry, Differential Equations
Mathematics 37, 36 -----	3		Solid Analytics; Theory of Numbers
Mathematics 43 or 44 -----		3	History of Mathematics; Determinants and Matrices
Mathematics 51 -----		3	Honors Seminar
Philosophy, upper level -----	3		
Physics 41-42 or 45-46 -----	3	3	Modern Physics; Electronics
Religion 43, 44 -----	3	3	Christian Morality; Christology
Elective -----		3	

	15	18	

** Students who plan to complete the requirements for the mathematics-physics group major are advised to substitute three hours in physics for Advanced Calculus, (Mathematics 32).

31. Calculus III 3 hours

An extension of Mathematics 21 and 22 leading to a consideration of the following: series, expansion of functions, ordinary differential equations, hyperbolic functions, partial differentiation and applications, and multiple integrals.

Prerequisites: Mathematics 21 and 22.

32. Advanced Calculus 3 hours

This course is intended for those students who to some extent have mastered the manipulative skills of the differential and integral calculus. It introduces the student to theoretical questions which may lead him to further study. It includes more rigorous treatment of series, partial differentiation, implicit functions, differential equations, and definite integrals; also an introduction to beta and gamma functions.

Prerequisites: Mathematics 21, 22, and 31.

33. College Geometry 3 hours

The purpose of this course is to introduce the student to a wide and extensive body of synthetic geometry. It concerns the geometry of the triangle and the circle and requires only the known Euclidian concepts. College geometry is recommended to prospective teachers in secondary schools.

34. Differential Equations 3 hours

This course presents differential equations from a practical viewpoint, combining the formal exercises of integrating the various standard types of differential equations with the setting-up of equations from problems of natural science.

Prerequisites: Mathematics 11, 12, 13, 14 and preferably 31.

36. Solid Analytical Geometry 3 hours

This course is devoted to the coordinate geometry of curves and surfaces in three-dimensional space, particularly of the plane, the straight line, and the quadratic surface. It also serves to introduce methods and principles which have an important part in the various fields of advanced mathematics. (Offered in 1961-62.)

Prerequisite: Mathematics 11, 12, 13, 14.

37. Theory of Numbers 3 hours

This course treats the elementary properties of integers, the definition and properties of divisibility, Euclid's Algorithm, Diophantine equations, prime numbers, aliquot parts, congruences, and quadratic residues. (Offered in 1960-61.)

Prerequisite: Mathematics 11, 12, 13, 14.

41. Theory of Equations **3 hours**

In this course students are guided through the proofs of the important general theorems in the elementary theory of algebraic equations. The methods of deductive reasoning are used abundantly, imparting to the student a realization of the need of clarity, exactness, and logical discourse. The concepts of ring and field are introduced, and with these as a basis, complex numbers, polynomials and their roots, resultants, discriminants, and symmetric functions are treated.

Prerequisite: Mathematics 11, 12, 13, 14.

42. History of Mathematics **2 hours**

History of the development of the various fields of mathematics from the earliest times to the present day. Open only to students majoring in mathematics. (Offered in 1960-61.)

44. Determinants and Matrices **3 hours**

An introduction to the theory of vector spaces; matrices, their types and properties and the elementary applications of these concepts. (Offered in 1961-62.)

Prerequisite: Mathematics 11, 12, 13, 14.

51. Honors Seminar in Mathematics **3 hours**

DEPARTMENT OF MUSIC

The aim of the department of music is to further the intellectual, aesthetic, and religious development of the student through the medium of music theory and practice, secular and religious. In addition to courses in musical theory, music education and applied music in voice, piano, organ and all band and orchestral instruments, the Department conducts Saint Joseph's Institute of Liturgical Music, with courses leading to a Bachelor of Arts Degree with a Major in Liturgical Music or to a Certificate in Liturgical Music.

Saint Joseph's Summer Institute of Liturgical Music, established in 1960 and largely modeled in its specialized area after the Corso Ordinario of Gregorian Chant of the Pontifical Institute of Sacred Music in Rome, offers a comprehensive program of liturgical music leading to a Bachelor of Arts Degree or to a Certificate in Liturgical Music. Chant and polyphony courses are taught by instructors who have been schooled in the Pontifical Institute of Sacred Music in Rome.

The degree of Bachelor of Arts in Liturgical Music is offered for twenty-four hours of upper-level credit in Liturgical Music pro-

viding catalogue requirements are met. The required courses are Music 301, 312 (organ), 31, 330, 340, 421, 430, 440 and 460, plus twelve credit hours of Latin.

The degree of Bachelor of Arts in Liturgical Music is offered to those who already have a Bachelor of Arts Degree from a recognized College or University for the completion of the following program: 301, 311-312 (organ), 321, 400, 410, 420, 440, 450 and 460. Additional courses in Latin are recommended.

Those who do not have a bachelor's degree and do not choose to qualify for one by following the full college curriculum may earn a Certificate in Liturgical Music by completing the following program: 301, 311-312 (organ), 321, 400, 410, 420, 430, 440, 450 and 460. Additional courses in Latin are recommended.

A minor sequence in music consists of a minimum of twelve semester hours on the upper level. A minor sequence in liturgical music consists of Music 212 (organ) plus twelve semester hours on the upper level in liturgical music, including 422 and 460.

COURSES IN MUSICAL THEORY

3. Sight Singing 2 hours

A course designed to train the student in identifying intervals, chords and melodies.

4-5. Basic Theory 4 hours

An introductory course in musical theory, covering musical notation, scales, intervals and triads. One semester course. Duration of class 1½ hour.

23-24. Harmony 4 hours

A study of relationship of chords and their progressions. Also a complete study of cadences, transitions, modulations and altered chords.

33-34. Counterpoint I and II 4 hours

Strict and Free Counterpoint—four species; two and three voice counterpoint.

35-36. Orchestration 4 hours

A study of the characteristics of the instruments; scoring of compositions for band and orchestra.

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- 43-44. Composition 4 hours
Original composition.
Prerequisite: Music 33-34.

COURSES IN APPLIED MUSIC

Private instruction in the following fields of applied music are offered: a) voice b) piano c) organ d) violin or other string instruments e) wind instruments f) percussion instruments.

- 1-2. Preliminary Course without credit

- 3-4. Preliminary Course without credit

The above courses are intended for beginner students.

- 21-22. Voice or Instrument 2 hours

- 25-26. Voice or Instrument 2 hours

A continuation of Applied Music 11-12.

- 31-32. Voice or Instrument 2 hours

A continuation of Applied Music 21-22

- 41-42. Voice or Instrument 2 hours

A continuation of Applied Music 31-32.

COURSES IN LITURGICAL MUSIC

121. Elementary Gregorian Chant 2 hours

Elementary notions; solfeggio; names and interpretation of neums; rhythm of the Chant; accentuation, tonic accent, principal and secondary accents; psalmody; hymnody; practical application of the theory.

321. Advanced Chant: Theory and Practice 3 hours

Practical rules of interpretation, technique and style according to the principles of Solesmes; detailed rhythmic and dynamic analysis; modality; elements of chironomy; practical application of the theory.

Prerequisite: 121 or equivalent.

(If taken during the regular school year, this course is divided into two semesters thus: 2 hours—1 hour. If taken during the summer the 3 hours are taken as one continuous course.)

400. Gregorian Form and Analysis 3 hours

A study of Gregorian melodic styles, formulas and compositions from the viewpoint of form; an analysis of the structure of psalms and the psalmodic chant.

Prerequisite: 121 or equivalent.

410. Gregorian Accompaniment 2 hours

Study and composing of modal accompaniment; investigation and evaluation of current methods of accompaniment.

Prerequisites: 23, 24, 121.

420. Advanced Chant: Chironomy and Paleography 3 hours

Basic principles of conducting the chant; detailed interpretative analysis and practical conducting of the chant under critical supervision; general notions of Gregorian Paleography; detailed study of the St. Gall notation; practical interpretation of the chant in the light of paleographic evidence.

Prerequisite: 321.

(Taken as a divided or a continuous course as in 321, above.)

430. Polyphonic Form and Analysis 2 hours

Elements, characteristics and structures of the principal forms employed by the greatest masters of polyphony, with the emphasis on Palestrinian forms.

440. Choral Conducting in the Homophonic and Polyphonic Idioms 2 hours

Fundamentals of conducting liturgical homophony and polyphony; practical conducting under critical supervision; rehearsal technique; repertoire.

450. Liturgical Music: History and Legislation 2 hours

A survey of the history and legislation of church music from the beginning to the present time with special emphasis on the practical application of the most recent legislation.

460. Theological Initiation into the Liturgy 2 hours

History of salvation; liturgical spirituality; elements of the liturgy.

470. Literature of Liturgical Music 2 hours

A study of the literature of liturgical music through recordings

as well as live performances by students and professors, with discussion of the style, interpretation, technique, and manner of presentation of the separate works.

Organ. See Applied Music.

Counterpoint I and II, Composition I and II. See Courses in Theory.

DEPARTMENT OF PHILOSOPHY

The Department of Philosophy offers both a major and a minor sequence. A major sequence consists of a minimum of twenty-four semester hours on the upper level and must include courses 31, 32, 33, 38, and six hours from 41, 42, 43, and 44. A minor sequence consists of a minimum of twelve semester hours on the upper level.

Six semester hours of philosophy on the lower level and six on the upper level are required of all students. Courses 12, 21, and 31, are obligatory.

COURSES IN PHILOSOPHY

12. Logic 3 hours

This course aims to develop the sense of correct thinking by a study of concepts and terms, judgments and propositions, immediate inference, deduction, scientific method, and the sources of fallacies.

21. Philosophy of Man 3 hours

The Thomistic study of man's composite nature, of the principles of sensory and intellectual knowledge and desire, and of the spirituality, origin, and immortality of soul, with an emphasis on the unity of the human person.

31. Metaphysics 3 hours

The study of being in its most fundamental aspects. This branch of systematic philosophy deals with the Thomistic concepts of act and potency, the nature of causality, transcendentals, and predicaments, in order to furnish the student with the broad and basic ideas essential to the synthetic grasp of reality.

32. Natural Theology 3 hours

The study of the proofs of the existence of God in their historic background together with the modern criticism. The doctrine of analogy receives special emphasis. (Offered in 1961-62.)

Prerequisite: Philosophy 31.

33. Cosmology 3 hours

This course integrates present-day scientific discovery with the basic Thomistic principles. The problem of finality, the laws of nature, and space and time are studied in the light of traditional principles. (Offered in 1961-62.)

36. Ethics 3 hours

A study of the end of man, human acts, and the relation of human acts to that end. Particular stress is laid on the principles of right reason in the light of Thomistic Psychology and Metaphysics. Special attention is given to the study of the Natural Law and the virtues as they affect the life of man both as an individual and as a member of society.

38. Epistemology 3 hours

A study of knowledge in its metaphysical implications. A consideration of being as intelligible, and of intellect as related to reality. This course consists principally in reflections upon the nature of knowledge, critical judgments concerning the sources of knowledge, and an ultimate evaluation of knowledge.

Prerequisite: Philosophy 31.

41. History of Ancient Philosophy 3 hours

A course in early philosophy, especially of the Greek thinkers. The progress of philosophic thought is presented by means of sources studied in their background, class discussions, and written reviews.

42. History of Medieval Philosophy 3 hours

The study of philosophic thought from the patristic age to the scholastic decline. Scholasticism is examined in the light of the present-day need for a perennial philosophy. (Offered in 1961-62.)

43. History of Modern Philosophy 3 hours

A study of modern thinkers against the background of the Renaissance, the Reformation and the rise of science. Special attention is given to the impact upon the contemporary world of such men as Descartes, Spinoza, Leibniz, Bacon, Newton, Locke, Hume, Rousseau, Kant, Hegel, Mill, and Spencer.

44. Contemporary Philosophy 3 hours

A critical evaluation of Bergson and the philosophy of the spirit, Husserl and the phenomenological method, Neo-positivism, the Analytical Philosophers, Dialectical Materialism, Pragmatism, the Metaphysical Renaissance, and Existentialism.

Suggested Program of Courses for the A.B. Degree with Philosophy
as Major Sequence¹

FRESHMAN YEAR			
		Semester	
		Hours	
Biology 5 -----	3		Principles of Biology
English 3-4 -----	3	3	Rhetoric and Composition
History 11-12 -----	3	3	Development of Western Institutions
Humanities 23-24 -----	2	2	World Literature
Philosophy 12 -----	3		Logic
Religion 11 -----	3		The Sacred Liturgy
Science Requirement -----	2		Chemistry 5; Geology 5; Physics 5; or Physics 7
Electives -----	3	3	

		17	16
SOPHOMORE YEAR			
Humanities 25, 27 -----	2	2	Music Art Forms: History and Appre- ciation
Mathematics 5 -----	3		Freshman Mathematics
Philosophy 21, 31 -----	3	3	Philosophy of Man; Metaphysics
Religion 21 -----	3		Christ in the Scriptures
Science requirements -----	2		Chemistry 5; Geology; Physics 5; or Physics 7
Social Science -----	3		(Elective)
Speech 15 -----		2	Fundamentals of Speech
Electives -----	3	6	Foreign Language

		16	16
JUNIOR YEAR			
Philosophy 33, 46 or 38, 32 -----	3	3	Cosmology; Philosophy of Science; or Epistemology; Natural Theology
Philosophy 36 -----	3		Ethics
Philosophy 41, 42 or 43, 44 -----	3	3	History and Philosophy
Religion 31 -----	3		God and Creation
Speech 31-32 -----	2	2	Discussion and Debate
Minor Sequence -----	3	3	
Electives -----	2	2	

		16	16
SENIOR YEAR			
Philosophy 33, 46 or 38, 32 -----	3	3	Cosmology; Philosophy of Science; or Epistemology; Natural Theology
Philosophy 41, 42, or 43, 44 -----	3	3	History of Philosophy
Philosophy 51 -----	3		Honors Seminar
Minor Sequence -----	3	3	
Religion 43, 44 -----	3	3	Christian Morality; Christology
Elective -----		3	

		15	15

¹ Programs for designated majors should be viewed as suggested patterns and not as rigid schedules. By the end of his sophomore year, the student should select a field of concentration and with the guidance of his faculty counselor plan his course of studies for the junior and senior years.

46. Philosophy of Science 3 hours

For the more advanced student of both philosophy and science this course seeks solid foundations for scientific coordination in the basic principles of Thomism. Extensive readings in the history of science and of philosophy are required.

Prerequisite: Philosophy 33.

51. Honors Seminar in Philosophy 3 hours

DEPARTMENT OF PHYSICAL EDUCATION

The Department of Physical Education is designed to offer the student a knowledge of physical education in its theoretical and practical phases. Courses in the history and principles of physical education present the background upon which the profession developed and the standards which must be maintained. Other courses are offered to acquaint the student with the professional skills, techniques, and competencies that will be needed in the exercise of teaching and/or coaching duties.

Physical education majors are prepared to enter the coaching field, the teaching of health and physical education or to work in recreational activities and centers.

A major sequence in physical education requires twenty-four semester hours on the upper level, including Physical Education 34 and either Physical Education 35 or Education 37, and Speech 31. A minor sequence requires twelve semester hours in upper level courses.

Students who plan to qualify for the teacher's certificate in Health, and Physical Education should consult the Director of Student Teaching.

COURSES IN PHYSICAL EDUCATION

16. First Aid and Safety Education 2 hours

A consideration of the essential elements in the theory and practice of safety in the school, in the home, in occupational activities and on the highway. Instruction in the administration of first aid and civil defense.

30. Public Recreation and Camp Activities 3 hours

Theory and practice of playground supervision and camp leadership. Techniques proper to arts and crafts, aquatics, outdoor recreational activities, nature study, and special programs are included. Observation of camp facilities and recreational programs.

31. History and Principles of Physical Education 3 hours

A basic course presenting a critical evaluation of social, economic, and political forces associated with the development of physical education throughout its history, and secondly, introducing the student to the fundamental facts and principles associated with Motivation, Program, Instruction, Supervision, Administration, and Evaluation in the field of physical education.

32. Coaching of Baseball 2 hours

Theory and principle of the fundamentals of baseball. A study of the history, rules, strategy, organization of practice, individual and team conditioning, administration of program and officiating. Two lectures and one laboratory period per week.

33. Gymnastics and Rhythmic Exercises 2 hours

Elements of individual and natural gymnastics; corrective exercises, calisthenics, class drill, tumbling and apparatus; fundamentals of rhythm as applied to games, plays, and songs. Two lectures and one laboratory period per week.

34. Kinesiology 3 hours

A study of the origin, insertion, and action of the muscles in the human body as they relate to skeletal movement in sport skills.

35. Measurements in Health and Physical Education 3 hours

A study of measurement and evaluation as applied to health, physical education, and recreation. Principles of test construction, types and characteristics of individual and group tests, application of such tests to school problems, and evaluation of results. A study of statistics as they apply to evaluation of results of measurement.

36. Techniques of Minor Sports 2 hours

An analysis of such sports as handball, volleyball, softball, tennis, badminton, ping pong, and bowling. Attention is given to selection and care of equipment. Principles of selection and evaluation of teaching methods are developed.

38. Principles and Techniques of Physical Therapy 2 hours

This course is designed to study the various special fields of physical rehabilitation with special emphasis upon the use of such agents as exercise, massage, heat, water, electricity and various forms of radiation. The course emphasizes the correct use of personal and field equipment, support procedures and therapeutic aids. Laboratory

Suggested Program of Courses for the B.S. Degree with
Physical Education as the Major Sequence

FRESHMAN YEAR

Semester

Hours

Biology 25 -----	3	3	Personal and Community Health
English 3-4 -----	3	3	Rhetoric and Composition
History 11-12 -----	3	3	Development of Western Institutions
Humanities 27, 25 -----	2	2	Art: History and Appreciation; Music Art Forms
Philosophy 12, 21 -----	3	3	Logic; Philosophy of Man
Physical Education 16 -----	2		First Aid and Safety
Religion 11 -----	3		The Sacred Liturgy
Science requirements -----	2		Chemistry 5; or Geology 5; or Physics 5 or 7
Speech 15 -----	2		Fundamentals of Speech

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SOPHOMORE YEAR

Biology 11, 22 -----	4	4	Zoology; Human Anatomy and Physi- ology
Education 19, 30 -----	3	3	Principles of Secondary Education; Edu- cational Psychology
Humanities 23-24 -----	2	2	World Literature
Mathematics 5 -----	3		Algebraic Structure
Physical Education 33 -----	2		Gymnastics
Religion 21 -----	3		Christ in the Scriptures
Science Requirements -----	2		Chemistry 5; or Geology 5; or Physics 5 or 7
Second Teaching Area -----	3	3	

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JUNIOR YEAR

Education Elective -----	3		
Education 39, 49 -----	2	2	Counseling; Special Methods
Philosophy 31 -----	3		Metaphysics
Physical Education 31, 30 -----	3	3	History and Principles; Public Recrea- tion
Physical Education 32 or 42 -----	2		Coaching of Baseball; or Coaching of Track and Field Events
Physical Education 35 or Education 37; Physical Education 34 -----	3	3	Tests & Measurements; Kinesiology
Religion 31 -----	3		God and Creation
Speech 31 -----	3		Public Speaking
Second Teaching Area -----	3		

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SENIOR YEAR

Education 46 -----	5		Student Teaching
Philosophy, Upper level -----	3		
Physical Education 41, 36 -----	2	2	Activities for Elementary Grades; Minor Sports
Physical Education 43 or 48 -----	3		Coaching of Football; or Coaching of Basketball
Physical Education 45, 46 -----	3	3	Admin. of Health Program; Admin. of P.Ed. Program
Religion 43, 44 -----	3	3	Christian Morality; Christology
Second Teaching Area -----	3	3	

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work includes practical techniques in the clinical use of supporting apparatus physiotherapy. Two lectures; one laboratory period per week.

41. Activities for Elementary Grades 2 hours

An analysis of dramatic play, games, rhythms, self-testing activities, playground procedures, and safety measures used in a modern program in the area. Principles of selection and evaluation of activities and teaching methods are developed.

43. Coaching of Football 3 hours

Theory and practice of the fundamentals of football. A study of the history, rules, strategy, styles of attack and defense, organization of practice, individual and team conditioning, officiating and other coaching problems involved in this sport. Three lectures and one laboratory period per week.

45. Organization and Administration of Health Education 3 hours

The principles, materials and problems of health education. Relation of the school health program to other health agencies. Instruction in the proper use of federal, state, and commercial publications and aids to health education. Examinations, reports, and remedial measures. State health regulations.

46. The Organization and Administration of the Physical Education Program 3 hours

A study of the foundations and principles of program, of instruction and supervision. Included is a study of the National Association of State High School Athletic Associations with an emphasis upon rules of eligibility. Consideration is given to the grouping of students, records of participation and progress, management of facilities, finance, and public relations.

48. Coaching of Basketball 3 hours

Theory and practice of the fundamentals of basketball. A study of the history, rules, strategy, styles of play, organization of practice, individual and team conditioning, officiating and other coaching problems connected with this sport. Three lectures and one laboratory period per week.

50. Pro Seminar 3 hours

An introduction, by means of directed reading and individual projects, to the research methods applied to Health, Physical Education, and Recreation. A series of lectures, discussions and critiques on physical education and related areas.

51. Honors Seminar in Physical Education 3 hours

DEPARTMENT OF PHYSICS

The courses in the Department of Physics are designed: 1. To impart an understanding of basic principles and through classroom discussion and supervised laboratory work to inculcate the habit of precise observation of phenomena. 2. To prepare the student for the teaching of physics in secondary schools.

For a minor sequence in physics twelve semester hours in upper-level courses are required, including Physics 31 and 41 or 42. Physics 21-22 is prerequisite for upper-level courses.

Laboratory fees: Physics 21, 22, 23, and 24, each \$10.00. Physics 31 and 46, each \$15.00.

COURSES IN PHYSICS

5. Introductory Meteorology 2 hours

This course is intended for non-science majors. In this study of the physics of the atmosphere, the knowledge of weather and climate is applied to all walks of life. Considerable attention is given to the interactions between the earth's surface and the atmosphere, and the economic value of weather and climate.

7. Introductory Astronomy 2 hours

This course is intended for non-science majors. The subject matter includes the Universal Law of Gravitation and Orbital Motion as exemplified in our solar system and in artificial satellites. It also includes the various astronomical instruments and their use in the study of the stars and galaxies.

21-22. College Physics 8 hours

A course introducing the student to the fundamental principles of mechanics, heat, sound, light, and electricity. Three lectures and one three-hour laboratory period each week.

Prerequisites: Mathematics 11, 12

23-24. Engineering Physics 10 hours

Lectures, recitations, problems and laboratory work dealing with the fundamental laws of mechanics, heat measurements, sound waves, electric and magnetic phenomena, geometric and physical optics and a brief survey of modern physics. Required course for pre-engineering students. Four lectures and one three-hour laboratory period each week through two semesters. (Offered for last time in 1961-62)

Prerequisites: Mathematics 11, 12, 13, 14

24. Mechanics, Thermometry**4 hours**

This course is directed toward equipping the student with the scientific approach and knowledge of fundamental laws in Physics, which in turn are needed for his further development and research in this science, and for building a strong foundation for engineering. In particular, it deals with the basic concepts and laws of vectors, equilibrium, rectilinear and rotational motion, Newton's laws, work and energy, impulse and momentum, elasticity, harmonic motion, hydrostatics, hydrodynamics, temperature, quantity of heat and transfer of heat. Four lectures and one three-hour laboratory period each week.

Prerequisite: Mathematics 11 and 12.

25. Thermodynamics: Sound, Light**4 hours**

This course is a continuation of Physics 24. It deals with the first and second laws of thermo-dynamics, thermal properties of solids, liquids, and gases; wave motion, vibrating bodies, acoustical phenomena; nature and propagation of light; reflection and refraction; lenses, optical instruments; illumination, color, interference and diffraction, and polarization. Four lectures and one three-hour laboratory period each week.

Prerequisite: Physics 24.

26. Electricity and Laws of Atomic Structure**4 hours**

This course is a continuation of Physics 25, and contains the fundamentals of the electric field, potential, capacitance, DC circuits, electrochemistry and thermoelectricity; the magnetic field, DC instruments, induced electromotive force; inductance and capacitance; alternating currents, electronics; optical spectra and atomic structure; and nuclear reactions. Four lectures and one three-hour laboratory period each week.

Prerequisites: Physics 25 and Mathematics 13 and 14.

31. Electric and Magnetic Circuits**3 hours**

Measurements of resistance, electromotive force, potentials, current, self and mutual induction, magnetic fields, Ohm's law, Kirchhoff's law, networks, bridges, ballistic galvanometer. Two lectures and one three-hour laboratory period each week.

Prerequisites: Physics 23-24.

41-42. Modern Physics**6 hours**

A two semester course in general physics with emphasis on recent developments, wave motion, electromagnetic radiation, kinetic theory of gases, specific heats and heat of radiation, photoelectric effect, x-rays, Bohr theory of spectra, quantum mechanics, nuclear

physics, cosmic rays, and relativity. Three lectures each week.

Prerequisites: Physics 21-22 and Mathematics 11, 12, 13, 14.

43. Statics 3 hours

This course treats the fundamental principles of statics: forces, movements of force, couples, systems of force, addition and subtraction of forces, equilibrium of systems, stresses and strains, moments of inertia. Three lectures each week.

Prerequisites: Physics 23-24.

44. Dynamics 3 hours

A lecture course dealing with rectilinear and curvilinear translation, rotation, plane motion, motion of particle and system of particles, force, mass and acceleration, work and energy, impulse and momentum and periodic motion.

Prerequisites: Physics 23-24.

46. Electronics 3 hours

A study of basic principles of the vacuum tube: electron theory, thermionic emission, diode, triode, multiple electric tube and its static and dynamic characteristics, and the function of the vacuum tube. Two lectures and one three-hour laboratory period each week.

Prerequisite: Physics 21-22.

51. Honors Seminar in Physics 3 hours

DEPARTMENT OF POLITICAL SCIENCE

The Political Science program provides the student with an opportunity to gain an understanding of the role of government in modern society. An acquaintance with basic problems posed both by and for modern government is indispensable to a liberal arts education and is prerequisite for responsible professional and civic judgment today.

Political Science is a tried preparation for law, journalism and practical political participation. At the graduate level it is also a recognized profession for government career administration or research and high school or college teaching.

Economics 21-22 (Principles of Economics) is a graduation requirement for majors in Political Science. (Seniors of 1962.)

The Political Science major requires 24 hours of upper-level courses. The following are required for 1962 seniors: Political Science 35, 41, and 42.

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Suggested Program of Courses for the B.A. Degree with Political
Science as a Major Sequence

FRESHMAN YEAR

		Semester		Hours	
English 3-4	-----	3	3	Rhetoric and Composition	
History 11-12	-----	3	3	Development of Western Institutions	
Humanities 25, 27	-----	2	2	Music Art Forms; Art: History and Appreciation	
Philosophy 12	-----	3		Logic	
Politics 21-22	-----	3	3	Introduction to Political Science; Amer- ican Government	
Religion 11	-----		3	The Sacred Liturgy	
Science Requirements	-----	2	2	Chemistry 5, Geology 5; or Physics 5, Physics 7	
		— —			
		16		16	

SOPHOMORE YEAR

Biology 5	-----	3		Principles of Biology	
Economics 21-22	-----	3	3	Principles of Economics	
History 23-24	-----	3	3	American Civilization I-II	
Humanities 23-24	-----	2	2	World Literature	
Mathematics 5	-----		3	Algebraic Structure	
Philosophy 21	-----		3	Philosophy of Man	
Religion 21	-----		3	Christ in the Scriptures	
Speech 15	-----	2		Fundamentals of Speech	
Elective	-----	3			
		— —			
		16		17	

JUNIOR YEAR

Political Science 33, 34	-----	3	3	Political Parties; Comparative Govern- ment	
Political Science 37, 44	-----		6	Government and Business; International Relations	
Philosophy 31	-----	3		Metaphysics	
Religion 31	-----	3		God and Creation	
Minor Sequence	-----	3	3		
Electives	-----	3	3		
		— —			
		15		15	

SENIOR YEAR

Economics 49	-----	3		Catholic Social Teaching	
Political Science 41-42	-----	3	3	Ancient and Medieval Political Philos- ophy; Modern Political Philosophy	
Political Science 35, 39	-----	6		Introduction to Constitutional Law; Public Administration	
Philosophy, upper level	-----	3			
Religion 43, 44	-----	3	3	Christian Morality; Christology	
Minor Sequence	-----	3	3		
Electives	-----		5		
		— —			
		18		17	

COURSES IN POLITICAL SCIENCE

21. Introduction to Political Science 3 hours

The student is introduced to the basic concepts of Political Science with emphasis on their ethical aspect.

22. American Government 3 hours

A study of U.S., state and local government structures, functions and current problems.

33. Political Parties and Pressure Groups 3 hours

The democratic process in the U.S. is studied as a function of the two major parties and the major economic and social pressure groups.

34. Comparative Government 3 hours

The constitutional forms and methods utilized by four major foreign powers—Great Britain, Germany, France and the U.S.S.R. Their elements of strength and weakness are compared with the U.S. system.

35. Introduction to Constitutional Law 3 hours

An analysis of fundamental U.S. Supreme Court decisions affording the student, particularly the prospective law student, a first-hand experience in reading law.

37. Government and Business 3 hours

A study of the foundations of governmental intervention in business and the activities in which it currently engages in relation to business with emphasis on federal legislation as applied to social security, labor relations and the maintenance of competition as expressed in the pertinent Supreme Court decisions. (Same as Bus. Ad. and Econ. 37.)

39. Public Administration 3 hours

The role of administration in modern U.S. Government with attention to the problems of organization, personnel, fiscal affairs, bureaucratism and policy making.

40. Public Finance 3 hours

A study of the principles of finance in government. Topics to be considered include public revenues and expenditures, taxation, public debt, governmental budgeting and fiscal policy. (Same as Economics 40.)

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41. Ancient and Medieval Political Philosophy 3 hours

An introduction to the perennial problems of social life: justice, law the common good as evaluated by Plato, Aristotle, St. Thomas Aquinas and others.

42. Modern Political Philosophy 3 hours

A history of later political thought as represented in the currents of rationalism, positivism, the American founding fathers and Christian pluralists.

44. International Relations 3 hours

The problems of international relations as exemplified by the U.S. in its role as a world power since 1900 together with attention to international law.

50. Pro-seminar In Political Science 3 hours

Directed individual readings of original, major writings with bibliography in the field.

51. Honors Seminar in Political Science 3 hours

DEPARTMENT OF PSYCHOLOGY

The Department of Psychology has a threefold purpose: to convey to the student an understanding and appreciation of the basic concepts and the precise methods used by this adolescent science; to give to the student a better understanding of himself and his fellowmen; to qualify him for entrance into graduate schools in the field.

For a Minor sequence in Psychology twelve semester hours in upper-level courses are required. Prerequisites for upper-level courses are Human Anatomy and Physiology (Biology 22) and General Psychology.

COURSES IN PSYCHOLOGY

10. General Psychology 3 hours

This course provides a general survey of the whole field of Psychology. Fundamental concepts of physiological, experimental, motivational, analytical, and abnormal, as well as of psychological testing and the psychology of learning are discussed.

32. Experimental Psychology 4 hours

This course concerns itself with the way the body reacts to different situations. The functionings of the external and internal

senses, sense learning and the various physical drives which constitute a part of human motivation are treated in detail. In the laboratory special emphasis is placed on the methods for studying these functions.

Prerequisite: Elementary Statistics (Educ. 35)

33. History of Psychology 3 hours

A survey of psychology against a background of modern and contemporary philosophy. The course comprises perspectives on the beginnings of psychology in Germany and France, the experimentalists in America, psychology of the subject, psychology of the subconscious, gestalt psychology and phenomenological psychology with some consideration of the existential analysts.

34. Theories of Psychoanalysis 3 hours

The contributions of Freud, Jung, Adler, Allers, Fromm, Horney, Sullivan and others are discussed in detail. Particular emphasis is placed upon application of these theories to the normal person as an aid to better self-knowledge and self-realization.

37. Measurement and Evaluation in Psychology and Education.
Educ. 37

39. Counseling and Guidance. Educ. 39.

40. Differential Psychology 3 hours

Individual variations with regard to intellectual, emotional and psychic functions together with the causes of these differences form the backbone of this course. The influence of heredity and environment, race, creed, nationality, majority-minority groups upon the individual are treated in detail.

41. Child Psychology. Educ. 41.

43. Mental Hygiene. Educ. 43.

DEPARTMENT OF RELIGION

In a college that is avowedly Catholic and dedicated "toward the spread, preservation, clarification, discovery and defense of truth . . . whether revealed or acquired," the function and importance of courses in Religion are obvious. Accordingly, six semester hours on the lower level and nine on the upper level are obligatory for all Catholic Students. Included must be courses 11, 21, 31, 43 and 44. Non-Catholic students are required to take Philosophy 36, Ethics, in place of religion requirements.

A minor sequence in the Department of Religion consists of a minimum of twelve semester hours on the upper level. Those wishing to major in Religion are referred to the Department of Theology.

COURSES IN RELIGION

11. The Sacred Liturgy 3 hours

This course is presented in the light of the current restoration of the worship rendered to God by the Mystical Body of Christ in the entirety of its Head and members, with particular emphasis on the meaning of the ceremonies of the Roman Rite, the role of the layman in the Mass and the Sacraments, and the proper and fruitful manner of participating therein.

21. Christ in the Scriptures 3 hours

After a brief consideration of the inspiration, canon, transmission and interpretation of the Bible, this course develops the principal theme of the whole Bible: namely, Christ as the manifestation and fulfillment of God's love for mankind through revelation and salvation, in particular, as recorded in the books of the New Testament.

30. Christian Marriage 3 hours

Catholic moral teaching is applied to the daily life of the Christian in the world, with a special study of individual and social problems involved in courtship, marriage, and family.

31. God and Creation 3 hours

Revealed truth as defined in the dogmas of the Church is presented in a systematic manner under the headings of the One God, the divine Trinity, Creation and Providence.

41. The Old Testament 3 hours

This course studies the history of the chosen people of God as a providential preparation for the mission of Christ, supplemented by copious readings from the historical, prophetic and sapiential books of the Old Testament.

43. Christian Morality 3 hours

This course is a study of fundamental moral principles and of the Christian virtues. It treats the end of man, human acts, law, conscience and virtue in general, with special emphasis on the practical application of these truths to modern problems, individual and social.

44. Christology 3 hours

This course considers the truths of divine Revelation as defined by the Church in relation to the central mystery of Redemption. It studies the Fall of Man, the Incarnation and Redemption, the Church, the sacramental system, and Mariology.

Suggested Program of Courses for Students Wishing to Qualify for Admission to a Major Theological Seminary after the Sophomore Year.

FRESHMAN YEAR

	Semester Hours		
English 21, 22 -----	3	3	Introduction to Literary Studies; The English Language
Greek 1-2 -----	3	3	Elements of New Testament
Humanities 25, 27 -----	4		Music Art Forms; Art: History and Appreciation
Latin 5, 6 -----	3	3	Cicero; Horace
Latin 7-8 -----	1	1	Latin Composition I
Religion 11 -----	3		The Sacred Liturgy
Science -----	3	3	Mathematics 11, 12 or Biology 5, Mathematics 5
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16 17			

SOPHOMORE YEAR

Economics 28 -----	3		Elements of Economics
Greek 21 -----	3		The Greek New Testament
Humanities 23, 24 -----	2	2	World Literature
Latin 21, 22 -----	3	3	Livy; Latin Hymns and Ecclesiastical Writers
Latin 25-26 -----	1	1	Latin Composition II
Philosophy 12 -----	3		Logic
Religion 21 -----	3		Christ in the Scriptures
Speech 15 -----	2		Fundamentals of Speech
Electives -----	3	6	Electives in the teaching area
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17 18			

THE DEPARTMENT OF SOCIOLOGY

The Department of Sociology offers both a major and a minor sequence each intended to train the student in scientific attitudes toward human behavior and social interaction, but allowing for differences in both academic and professional goals.

Lectures, exercises and projects are designed to observe and analyze social realities rather than to evaluate or control them.

Majors in Sociology have found such training widely welcomed in applicants to Graduate Schools of Law, Social Work, Teaching, Business and Medicine. Majors and minors find it an aid in entering industrial and personnel management in-training programs, community and industrial counseling organizations, and many other types of careers where efficient and adequate social awareness is a premium.

MAJOR AND MINOR REQUIREMENTS AND RECOMMENDATIONS

Majors and minors in Sociology are required to take Sociology 21 and 22 and 31 in their proper sequence. These courses develop fundamental concepts and basic techniques for observing human behavior; the training and habits acquired at this level of instruction are assumed throughout the major and minor programs.

Majors are further required to take Sociology 32. While Sociology 35 is not required, Majors are strongly urged to avail themselves of this course and twelve hours in a foreign language, especially if they contemplate graduate work in any specialized social science or educational field.

Minors are encouraged to elect as their interests and special talents dictate from the upper level courses. They should be aware, however, that Major interests and demands in many upper level courses, in terms of independent research as well as group projects, will offer special challenges to them. This is especially true if Sociology 34, Sociology 41, Sociology 43, or Sociology 44 are elected.

Upper level seminars Sociology 49, 50 are only for Majors who have maintained at least a B average in their work.

COURSES IN SOCIOLOGY

Junior Program

21. General Sociology I 3 hours

The person and the group. Socialization. Primary Groups: family, play and neighborhood. Secondary Groups: social classes, ethnic groups, minorities.

22. General Sociology II 3 hours

Primary associations and collective behavior. Population composition and change. Urban Ecology. Industrial, political and religious structures in American society.

31. Basic Methodology 3 hours

Empirical analysis and scientific method in the study of human behavior. Principal sources of data. Questionnaires and interviewing. Scale analysis. Elements of tabulation and graphing. Elementary statistical procedures.

32. Public Opinion and Social Control 3 hours

The nature of social control. Ideology. Language and symbolic controls. The institutions of control.

33. The American Family 3 hours

The field of family sociology. The structure of the American family. The functions of the American family within the institutional framework of American Society.

34. Urban Area Analysis 3 hours

The human person in the complexity of the modern city. Community and Association ties. The direction of city growth and the possibility of new urban forms.

35. Elementary Statistics 3 hours

See Education 35.

36. Industrial Sociology 3 hours

Industrial organization as a social system. Human values and productivity.

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Suggested Program of Courses for the B.A. Degree with Sociology as a Major Sequence

FRESHMAN YEAR

	Semester Hours		
Biology 5 -----	3		Principles of Biology
English 3-4 -----	3	3	Rhetoric and Composition
History 11-12 -----	3	3	Development of Western Institutions
Humanities 23-24 -----	2	2	World Literature
Philosophy 12, 21 -----	3	3	Logic; Philosophy of Man
Religion 11 -----		3	The Sacred Liturgy
Science Requirement -----	2	2	Chemistry 5; Geology 5; or Physics 5; Physics 7
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	16	16	

SOPHOMORE YEAR

German or French 1-2 -----	3	3	Introductory German or French
Humanities 25 and 27 -----	2	2	Music Art Forms; Art: History and Appreciation
Mathematics 11, 12 -----	3	3	Freshman Mathematics
Philosophy 31 -----		3	Metaphysics
Religion 21 -----	3		Christ in the Scriptures
Sociology 21-22 -----	3	3	General Sociology
Elective -----		3	
Speech 15 -----	2		Fundamentals of Speech
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	16	17	

JUNIOR YEAR

German or French 21-22 -----	3	3	Intermediate German or French
Minor Sequence -----	3	3	
Economics 49 -----		3	Catholic Social Teaching
Philosophy 33 -----	3		Cosmology
Religion 30, 31 -----	3	3	Christian Marriage; God and Creation
Sociology 31-32 -----	3	3	Methods; Public Opinion
Sociology 33 or 35; 34 or 36 ----	3	3	American Family; Statistics; Urban Area Analysis; Industrial Sociology
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	18	18	

SENIOR YEAR

Minor Sequence -----	3	3	
Philosophy 38, 46 -----	3	3	Epistemology; Philosophy of Science
Religion 43, 44 -----	3	3	Christian Morality; Christology
Sociology 41 or 43 or 45; 42 or 44 or 46 -----	6	6	Stratification; Social Organization; Ethnic Groups; Theory; Religion; Criminology
Sociology 49, 50 -----	(3)	(3)	Seminars
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	15	15	

Senior Program

38. Sociology of Education 3 hours

The school and society. The function of the school as an agent of culture transfer. Detail of current analyses. Projects. (Same as Education 44.)

41. Social Stratification 3 hours

The literature of social class and stratification. Principal methodological problems. Current interests in social class analysis. Field problems.

42. American Social Organization 3 hours

An examination of the social structure of contemporary America and of the factors inducing social change. Particular attention is given to the social implications of the Catholic basis for social reorganization.

43. Introduction to Sociological Theory 3 hours

A review of the variety of theories and the assumption behind them in the origin and development of sociological analysis during the past one hundred years. Special effort is made to develop research designs from the best in theories of the past.

44. The Sociology of Religion 3 hours

Religion and social custom. The development of religious thought as influenced by social factors. Religious practice as a culture variable.

45. American Ethnic Groups 3 hours

Major institutional forms of the Irish, Polish, German, Italian and Spanish immigrants. The meaning in the homeland; the effect of its transplanting. American cultural pluralism.

46. Criminology 3 hours

Crime as a social phenomenon. The incidence, distribution and etiology of criminal behavior. Types of criminals. Changing beliefs and practices in dealing with the criminal.

49. Pro-seminar: Sociological Research Design 3 hours

50. Pro-seminar: The Individual and the Group 3 hours

51. Honors Seminar 3 hours

COURSES IN SPANISH

1-2. Introductory Spanish 6 hours

Drill in the basic grammatical rules. Simultaneous development of the four ends of language study: reading, aural comprehension, writing and speaking.

21.22. Intermediate Spanish 6 hours

Review of basic grammatical forms, plus advanced grammar and idiomatic usage. Reading of selected texts and written reports are required.

31. Advanced Composition 3 hours

Correct, idiomatic and effective writing in Spanish. Translations are assigned as well as topics for individual creative writing.

32. Advanced Conversation 3 hours

Systematic and intensive Spanish oral practice. Topics are assigned for individual presentation and group discussion. The class is conducted in Spanish, and audio-visual aids are used to perfect pronunciation and inflection.

35-36. Spanish Literature 6 hours

Survey of Spanish literature from its beginnings to modern times. Selected readings from the most important authors. Written and oral reports.

41-42. Spanish-American Literature 6 hours

A survey of Spanish American literature with emphasis on the nineteenth and twentieth centuries. Selected readings from representative authors from various countries.

DEPARTMENT OF SPEECH

The aims and purposes of the Department of Speech are: 1. To instill an understanding and appreciation of the Aristotelian tradition of oral rhetoric and its function in a liberal education; 2. to develop the student's resources, ability, and facility for the spoken communication of thought and emotion; 3. to foster an appreciation of Radio, Television, and the Theatre in our culture.

For the minor sequence in speech the student must show a minimum of twelve semester hours in upper-level courses.

Speech 15 is a prerequisite for all upper-level courses.

COURSES IN SPEECH

15. Fundamentals of Speech 2 hours

The basic course for all students. History of speech education, overcoming stage fright, bodily action and gesture, language for speaking, outlining, types and modes of public address, voice, articulation, and pronunciation, survey of areas in the field of speech. Each student shall deliver between five and eight speeches during the semester.

18. Voice and Articulation 2 hours

Emphasis placed on achieving acceptable and pleasing voice and articulation. Content shall include: physical bases of speech, group reading, individual work, drills and exercises.

23. Argumentation and Debate 3 hours

Preparing the brief, developing the argument, informal and formal debate, strategy. Practice debates.

25. Fundamentals of Acting 3 hours

Designed to acquaint the student with the basic theory of acting and its practical applications to drama and the theatre. Emphasis is placed upon interpretation, characterization, and dramatic action. Participation in student productions is required.

31. Public Speaking 3 hours

Theory and practice of audience analysis as it relates to topic selection, speech organization and presentation within the traditional speech-type framework of narrative, argumentative, informative, and persuasive speeches. Prerequisite Sp. 11 or permis of Inst.

32. Group Discussion 2 hours

The content and methodology of participation and leadership in group problem-solving activities.

33. Play Production 2 hours

A study and application of the technical aspects of play production as they relate to the theatre. Practice in making a prompt book, stage lighting, scene design, set construction, and costuming. Participation in student productions is required.

35. Oral Interpretation of Literature 3 hours

The development of the student's abilities in reading aloud through exercises in the analysis and communication of the logical and emotional content of the printed page. Special attention will be given to a study of the form and content of poetry as they affect the understanding and performance of the oral interpreter.

41. Elements of Speech Improvement 3 hours

Diagnosing simple speech defects and disorders, nasality, lisping, omissions, additions, substitutions, inversions. Theory of improving simple defects and disorders. Prerequisite Sp. 11 or permis of Inst.

43. Oral Interpretation of the Modern Drama 2 hours

A study of the forms and content of modern drama (Ibsen to the present day) as they affect the understanding and performance of the oral interpreter. Prerequisite Sp. 11 or permis of Inst.

DEPARTMENT OF THEOLOGY

In addition to the regular courses in Religion, the Department of Theology offers a series of special courses in Theology **during the Summer Session**. Students who have a bachelor's degree from a recognized Catholic College or University and complete the requirements of the four-summer program (plus a Comprehensive Examination) may receive a B.A. in Theology. Those who do not have a bachelor's degree may qualify for (a) a certificate in Theology, or (b) a B.A. in Theology by fulfilling catalogue requirements. Details of the special program are given in the Summer Session Bulletin.

COURSES IN THEOLOGY

Introductory Courses—Offered Every Summer

S 50. Introduction to Sacred Theology 3 hours

The nature and concept of Sacred Theology, theological sources and theological method presented in historical backgrounds.

S 51. Introduction to Scripture 3 hours

The nature and extent of divine inspiration, the canon, transmission of text, biblical hermeneutics, studied in the light of the Church's decisions. The New Testament study is concerned particularly with the Historic Christ, His Kingdom in terrestrial and celestial aspects, the primitive Church, the universal mediation in the Pauline Epistles, presented in the conviction that "to be ignorant of the Scriptures is to be ignorant of Christ."

1962 Summer Session

S 52. The Triune God 3 hours

The One God as known by reason and revelation; the Divine Trinity; God's life within Himself; God the Creator, or the procession of creatures from God; the Fall of Man.

S 53. The Incarnation and Redemption 3 hours

The truths of the Incarnation and Redemption in the light of the historic decisions of the Church and the development of the doctrine in the teaching of the Fathers. The doctrinal basis for study of Mariology and the special devotions.

1963 Summer Session

S 54. The Sacraments

The seven sacraments as the fruits of Redemption, and as centering in the Holy Eucharist as Sacrament and Sacrifice, as the basis of cult and of prayer, and as the principal means of grace.

S 58. General Moral Theology 3 hours

A summary of moral theology, studied historically in the light of its development and Thomistic synthesis. The Christian moral teaching is presented as resting in divine and supernatural virtues.

1964 Summer Session

S 59. Special Moral Theology 3 hours

The practical application of the principles taught in general moral. Special questions confronting those who train youth are given preference; respect and obedience, modesty and chastity, the youth apostolate, and so forth.

S 57. Canon Law

A brief history of canon law. General norms; the law concerning persons, religious, and the sacraments. The course aims at a practical knowledge and use of the law governing religious communities.

CALUMET CENTER SUPPLEMENT

In addition to courses listed above, the following are offered only at the Calumet Campus, East Chicago, Indiana:

DEPARTMENT OF BIOLOGY

20. Human Anatomy and Physiology 6 hours

This course is planned to give the student a practical knowledge of the structures and functions of the human body. Emphasis is placed on normal physiology which is basic to the study of the medical sciences and nursing arts. Lectures are supplemented by demonstrations and the study of articulated and disarticulated skeletons, charts, models, films, and mammalian dissection by the students. (For Nurses)

30. Microbiology 4 hours

This is a study of the structure, life activities and classification of bacteria and viruses, as well as of parasitic protozoa and round-worms together with principles of immunology. It includes laboratory methods of culture, isolation and identification of various organisms; water, milk, soil and food bacteriology.

DEPARTMENT OF CRIMINOLOGY

Courses in this department are designed to provide to the student an understanding of the causes of crime, and of its treatment and correction.

35. Criminal Law and Procedures 3 hours

Legal definition and interpretation of crimes. The law in relation to law enforcement and correctional work. Basic assumption of the law compared with those of the social and biological sciences as applied to the understanding of human behavior.

40. Police, Administration, Organization
Problems and Practices 3 hours

Introduction to the principles of police organization and administration; a study of the federal, state, county, municipal and suburban law enforcement agencies; special emphasis is given to problems and practices relating to personnel, policies, and procedures, records, reports, public relations, police ethics, police training, crime prevention, human relations, and to functions and activities of the various police bureaus.

41. Scientific Crime Detection 3 hours

Lectures, demonstrations, and case studies illustrating modern scientific techniques used in crime detection including firearms identification, fingerprinting, the lie detector, drunkometer, microscopic and chemical examination of metals, wood, textiles, blood, hair and other evidences, and examination of questioned documents.

43. Police Work with Juveniles 3 hours

This course is designed to prepare Law Enforcement Officers and others in related fields to work most effectively with youth who have problems. Special emphasis is placed on organization and administration of a Police-Juvenile Program; the individualized approach in Police-Juvenile work; the use of community resources by the Police-Juvenile Officer to control and prevent delinquency.

44. Probation and Parole 3 hours

This course includes a study of the history, nature, theory, and methods used in the rehabilitative and correctional processes of probation and parole; an examination of federal, state, and local systems; special emphasis is given problems relating to personnel, procedure, presentence investigations, pre-release procedures, casework methods, and community resources.

45. Correctional Case Work 3 hours

This course aims to discuss the theory, principles, and techniques of accepted casework practices as they apply to the field of correction. Casework methods are studied in relation to the field of probation and parole and to the social services in correctional institutions and agencies. Special emphasis is given to the advantages and limitations of the authoritarian approach for effective correctional casework.

46. Crime Causation, Prevention and Correction 3 hours

This course aims to present the nature and extent of crime; a study of various types of criminal violators; factors responsible for criminal behavior; a study of the history, organization, and policies of police administration of justice; the American prison system; a study of probation and parole in the modern correctional process and crime prevention on the adult level.

47. Treatment of Juvenile Delinquency 3 hours

Development, organization, administration of programs and services for the treatment of juvenile delinquency with special attention to police, detention, courts, schools, child guidance clinics and institutions.

DEPARTMENT OF ECONOMICS

31. Wage and Price Determination 3 hours

Emphasis is placed on such considerations as: the status of the firm, the force of customary comparisons, the consequences of a possible strike, the effects of job evaluation, and the role of large-scale enterprise. Market developments of a more traditional nature are treated as an important influence on wages, but always in conjunction with other pressures of a non-market or institutional character.

32. Comparative Economic Systems 3 hours

The purpose of this course is to examine on a comparative basis the major economic systems today, namely: American capitalism; U.S.S.R. communism; and British socialism. It intends to give the student a broader perspective concerning our economic world by making him familiar with the features of our economy as well as the other systems competing with ours. It is not a tool course, since the emphasis is being laid on the understanding of the institutions and operation of the economic systems rather than on the multitude of the statistical figures describing them.

DEPARTMENT OF EDUCATION

50. Audio-Visual Education 2 hours

This course covers the procuring, using, and evaluating the various teaching aids which are available for audio and visual instruction.

DEPARTMENT OF ENGLISH

27. Technical Writing 3 hours

The student is taught the importance, nature and preparation of report writing; then the appropriate forms which may be used.

28. Business Writing 3 hours

The student is led to analyze common business situations and problems which give rise to a need for clear and succinct communication. He considers also the bearing of practical psychology in the writing of letters and related business forms.

DEPARTMENT OF FINE ARTS

The courses in this department are designed to provide training in the various arts, as well as an understanding and appreciation of artistic works. Certain courses are intended to equip the prospective teacher in the training of children in the arts.

For a Minor Sequence in Fine Arts, four semester hours on the lower level (Fine Arts 11-12), and twelve semester hours in upper-level courses are required. The upper-level courses must include at least two semester hours in drawing and two semester hours in painting. Humanities 27, **Art: History and Appreciation**, is required of all students. Candidates for the certificate in elementary education must show credit in Education 47, **Art Skills and Crafts**.

NOTE: Tuition in all Fine Arts courses is \$20.00 per semester hour. An additional fee for materials is charged in some courses as indicated below.

COURSES IN FINE ARTS

11-12. Basic Design Workshop 4 hours

This workshop stresses the elements of good design, including art for the home and community, as well as techniques. In the first semester, emphasis is placed on (1) the study of composition, (2) the use of basic design shapes, (3) the study of basic color theory, and (4) the study of line mass relationships. One hour of lecture and two hours of laboratory.

The second semester provides for the student an opportunity for the practical application of the principles presented in the first semester, and for experimentation in all media. One hour of lecture and two hours of laboratory.

Group trip to the Art Institute of Chicago.

31-32. General Drawing I and II 4 hours

The first semester emphasizes free hand drawing of seen objects and still-life subjects. The course is planned to develop an understanding and awareness of form, light and shadow, line, pictorial composition and color.

The second semester deals with extensive experimentation with a variety of media for a more versatile expression. Students work in pencil, pen and ink, charcoal crayon, chalk and water color.

33-34. Advanced Design I and II 4 hours

This is a continuation of Fine Arts 11-12, without lectures. Emphasis is placed on design for fabric, wallpaper, commercial products, etc.

35-36. Print Workshop I and II 4 hours

These courses demonstrate methods and techniques of painting on fabric and other materials, using linoleum blocks, silk screen, cardboard, etc., and provide opportunity for student experimentation and practice in the use of each of these media.

Group trip to the Art Institute of Chicago.

Extra materials fee (in each semester): \$10.00.

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37-38. Ceramics Workshop I and II

4 hours

In the first semester the student learns how to make and fire ceramic pottery, jewelry and decorative objects; he experiments with the methods of applying the various glazes; he receives training in the operation of the kiln.

In the second semester the student is given greater freedom in the selection of projects. Here the concentration is on (1) good form, (2) pleasing glazes, (3) suitable decoration, and (4) mold making. One- and two-piece mold making is required.

Group trip to the Art Institute of Chicago.

Extra materials fee (in each semester): \$10.00.

39-40. Crafts Workshop I and II

4 hours

The first semester deals with good design, craftsmanship, and function, in the use of paper, clay, felt, and mosaics.

The second semester is devoted to a study of leather, wood, and metal.

Group trip to the Art Institute of Chicago.

Extra materials fee (in each semester): \$10.00.

41-42. Painting I and II

4 hours

The first semester deals with painting seen objects and still-life set-ups; understanding of oil paint as an expressive medium; working with color, composition, various techniques and experiments.

The second semester takes up figure painting and the more advanced techniques of expression in oil painting, use of water colors, and casein.

Group trip to the Art Institute of Chicago.

Prerequisite: Fine Arts 31.

43-44. Sculpture Workshop I and II.

4 hours

The first semester offers the student an opportunity to work in plaster casting and wood carving. Special emphasis is placed on creative form and good design.

In the second semester the student has an opportunity to carve in stone and work in metal.

Group trip to the Art Institute of Chicago.

Extra materials fee (in each semester): \$10.00.

45-46. Advanced Painting I and II 4 hours

Especially designed for the advanced student who wishes to make creative experiments in a variety of media. Essentially planned to develop the creative spark, these courses will urge the student to find expression in various ways: through oil painting, water colors, chalks, collages, battiques, and mixed media.

Group trip to the Art Institute of Chicago.

Prerequisite: Fine Arts 42.

DEPARTMENT OF PHILOSOPHY

34. Medical Ethics 3 hours

This course is an application of the basic moral principles to the medical profession. It relates these principles to the medico-moral problems more frequently met in medical and hospital care and practice. Special attention is given to the Catholic Hospital Association's "Ethical and Religious Directives for Catholic Hospitals."

DEPARTMENT OF PSYCHOLOGY

22. Industrial Psychology 3 hours

A study of the application of the principles of psychology to industrial situations and problems. This includes techniques of interviewing and evaluation of employment candidates and personal data, the use of tests for selection and placement, techniques and principles of guidance and motivation.

23. Applied Leadership for Stewards 3 hours

A practical approach to an evaluation and understanding of the role of a steward; his rights under labor contracts and pertinent statutes and his duties. Particular emphasis is given to the techniques for effective handling of grievances, with case studies as the basis for discussion and practice.

25. Conference Room Technique 3 hours

Applied group dynamics with considerable practice in both the "directed" and "free" types of conference discussion, practice in the preparation of conference materials and in the actual conduct of group discussion.

26. Social Psychology 3 hours

This course is an analysis of attitudes, prejudices, public opinion, propaganda, morale, leadership, crowd behavior, fads, fashions, institutions, social movements, and biological and social foundations of human behavior.

27. Personality Development and Mental Health 3 hours

This course aims to present an understanding of personality development in various social settings; emphasis will be placed upon contemporary American personality patterns; a study of personality adjustment and mal-adjustment in normal persons. Such factors as need, frustration, conflict, adjustive techniques, analysis and rehabilitation will be discussed.

28. Introductory Psychology (for Nurses) 3 hours

This course is primarily a basic introduction to psychology. It studies man as a whole human being: biological organism, social animal and person. It attempts to relate scientific psychology to philosophical and supernatural considerations. It studies the various personality factors that influence psychological development and human adjustment.

DEPARTMENT OF SOCIOLOGY

37. Juvenile Delinquency 3 hours

This course will include the study of the nature and extent of juvenile delinquency; research into the causes and definitions of juvenile delinquency; an examination into the sociological, biological, and personality factors responsible for juvenile delinquency; special emphasis will be given the role of the police, detention, the juvenile court, probation services, correctional school, youth services and correction authorities; and a study of the basic methods employed to prevent juvenile delinquency.

39. Human Relations on the Job 3 hours

Production as a community process; human interaction in business and factory organization; formal and informal relationships and their effects on production efficiency and job satisfaction.

40. Introduction to Social Work 3 hours

A brief history of social welfare and a survey of the main methods currently used in social work practice: casework, group work, community organization, research, and administration. Philosophical basis of social work based on the dignity of man. Evaluation of the means, scope, function and trends in public welfare and private social work practice.

DEPARTMENT OF SPEECH

20. Parliamentary Practice and Effective Speech 3 hours

The basic rules of parliamentary procedure are studied with emphasis placed on their adaptation to various situations. Practice is given in the conducting of meetings, with emphasis on typical problems encountered in fraternal and labor organizations. Likewise, methods in preparation and presentation of brief talks under a variety of situations are studied.

APPENDIX I

REGISTER OF STUDENTS 1960-61

ABRAHAM, Catherine A	Rensselaer, Indiana
ACHEBE, Willy C.	Abagana via Onitsha, Nigeria
ADLER, Thomas M.	Chicago, Illinois
ADZIMA, Michael B.	Whiting, Indiana
AHLER, Kenneth J.	Medaryville, Indiana
ALIG, Howard M.	Cedar Grove, Indiana
ALSPAUGH, Ronald J.	Delphos, Ohio
ALVAREZ, Eugene	Pitrufquen, Chile
ANDERSON, Dennis B.	Detroit, Michigan
ANDERSON, Phillip J.	Elgin, Illinois
ANDERSON, Thomas E.	Lincoln Park, Michigan
ANDOLSEN, Richard J.	Cleveland, Ohio
ANDORFER, Paul E.	Fort Wayne, Indiana
ANDREOTTA, Joseph M.	Middletown, Ohio
ANDREW, Gary L.	Prairie Village, Kansas
ARIENS, Thomas F.	West DePere, Wisconsin
ARNDT, Earl W.	Chicago, Illinois
ARRA, Marlene M.	Hebron, Indiana
ASHBURN, William F.	Kokomo, Indiana
ASTA,, Frank P.	Chicago, Illinois
ATKINSON, James L.	Gas City, Indiana
BABIONE, John C.	Fremont, Ohio
BACKER, Patrick A.	Ferdinand, Indiana
BAKER, Dennis A.	Chicago, Illinois
BAKER, Gerald F.	Decatur, Indiana
BALLARD, Ronald J.	Chicago, Illinois
BALTZ, James H.	Detroit, Michigan
BANKERT, Edward J.	Chicago, Illinois
BARA, Leonard J.	Chicago, Illinois
BARATH, Joseph P.	Chicago, Illinois
BARON, John D.	Kankakee, Illinois
BARSOTTI, John L.	Chicago, Illinois
BART, Albert J.	Kettering, Ohio
BARTELS, John M.	Milwaukee, Wisconsin
BARTHOLOMY, David K.	Fort Wayne, Indiana
BARTHOLOMY, Patrick W.	Fort Wayne, Indiana
BATISTICK, James A.	Parma, Ohio
BATSLEER, Phillip H.	North Liberty, Indiana
BATTLEDAY, Delores J.	Rensselaer, Indiana
BAUMANN, John R.	Star City, Indiana
BAVOLEK, Allen E.	Skokie, Illinois
BEAM, David M.	Louisville, Kentucky
BEAN, William C.	Benton Harbor, Michigan
BEARDI, Michael J.	Bffalo, New York
BECKER, William A.	Lawrenceburg, Indiana
BECOFSKE, Robert A.	Chicago, Illinois
BEEM, James F.	Oak Park, Illinois
BEEMSTERBOER, George L.	Dayton, Ohio
BELLANTONIO, Albert	Brooklyn, New York
BELLUCCI, Frank J.	Antioch, Illinois

BENDER, John W. -----	Toledo, Ohio
BENDER, Steven M. -----	Fort Wayne, Indiana
BENKO, Michael -----	Whiting, Indiana
BERAN, David A. -----	Chicago, Illinois
BERG, Roger M. -----	Chicago, Illinois
BERGMAN, Frank A. -----	Chicago, Illinois
BERNIER, Maurice F. -----	Pomona, California
BERNINGER, Roy J. -----	Clarks Hill, Indiana
BESHARA, LOUIS P. -----	Massillon, Ohio
BETZ, James S. -----	Jasper, Indiana
BEURET, Lawrence J. -----	Auburn, Indiana
BRIAN, Donald J. -----	Elmhurst, Illinois
BIEHL, James W. -----	Cincinnati, Ohio
BIELFELDT, Gerald R. -----	Chicago, Illinois
BIERNAT, James M. -----	Detroit, Michigan
BIGGERSTAFF, Dennis H. -----	Hammond, Indiana
BILLINGS, S. Richard -----	Indianapolis, Indiana
BILLY Raymond J. -----	Ashtabula, Ohio
BLACKMORE, Richard D. -----	Chicago, Illinois
BLACKWOOD, Robert J. -----	Elkhart, Indiana
BLAIS, Lawrence M. -----	Chicago, Illinois
BLASKO, Joseph A. -----	Cleveland, Ohio
BLOCH, William J. -----	Chicago, Illinois
BLUME, John F. -----	Chicago, Illinois
BOGUSKI, Ronald T. -----	Berwyn, Illinois
BOLAND, Patrick T. -----	Chicago, Illinois
BONANNO, Nicholas W. -----	Lima, Ohio
BONATO, Ronald L. -----	Chicago, Illinois
BONELLI, Philip M. -----	Chicago, Illinois
BOONE, Joseph N. -----	Howardstown, Kentucky
BORICH, John J. -----	South Bend, Indiana
BOSS, David A. -----	Calumet City, Illinois
BOTON, Joseph L. -----	Chicago, Illinois
BOULEE, James J. -----	Ashkum, Illinois
BOWLING, Charles P. -----	Chicago, Illinois
BOYER, David S. -----	Grosse Pointe Farms, Michigan
BRACEWELL, James P. -----	Chicago, Illinois
BRADY, Matthew J. -----	New Augusta, Indiana
BRAET, James W. -----	East Moline, Illinois
BRAND, Kenneth J. -----	Indianapolis, Indiana
BRANKIN, Thomas F. -----	Chicago, Illinois
BRAUNBECK, William A. -----	New Albany, Indiana
BRENNAN, John M. -----	Chicago, Illinois
BRESNAHAN, Patrick M. -----	South Whitley, Indiana
BRESTENSKY, Dennis F. -----	Brackenridge, Pennsylvania
BRIDGE, Robert C. -----	Hartford City, Indiana
BRIEN, James T. -----	South end, Indiana
BRINKMOELLER, Leonard J. -----	Cincinnati, Ohio
BRINSFIELD, Gary T. -----	Lima, Ohio
BROSNAN, James G. -----	Chicago, Illinois
BROST, Lawrence L. -----	Ambia, Indiana
BROUDER, Gerald T. -----	Berwyn, Illinois
BROWN, John A. -----	Pontiac, Michigan
BROWN, Stephen D. -----	Columbus, Ohio
BROWN, Thomas K. -----	Bensenville, Illinois
BRUDENELL, Gerald R. -----	Villa Park, Illinois

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BRUIN, James E.	Lima, Ohio
BRUNDAGE, Jeffrey R.	Flint, Michigan
BUCHANAN, Hubert E.	Austin, Indiana
BUCHKO, Michael J.	Gary, Indiana
BUDNICK, Thomas A.	Detroit, Michigan
BUDZIELEK, Ronald V.	Hobart, Indiana
BUESE, Joseph H.	Alma, Michigan
BUHRMAN, Philip R.	Chambersburg, Pennsylvania
BURCH, James H.	Alexandria, Virginia
BURKHALTER, Lawrence J.	Kankakee, Illinois
BURROWS, Gerald F.	Ionia, Michigan
BUSCARINI, Thomas A.	Chicago, Illinois
BUTLER, Dennis T.	Norridge, Illinois
BUTLER, John R.	Chicago, Illinois
BYRD, Phillip T.	Franklin Park, Illinois
BYRNE, William M.	Oak Park, Illinois

CABALA, Anthony J.	Calumet City, Illinois
CACCAMO, Frank R.	Chicago, Illinois
CALDANARO, Tony J.	Wheatfield, Indiana
CALGARO, Eugene G.	Chicago Heights, Illinois
CALLANAN, Patrick J.	Detroit, Michigan
CAMP, C. Laurence	Cincinnati, Ohio
CANNOOT, Kenneth A.	Mishawaka, Indiana
CAREY, James J.	Chicago, Illinois
CARLIN, John B.	Detroit, Michigan
CARPENTER, Thomas D.	East Gary, Indiana
CARR, Thomas J.	Wapakoneta, Ohio
CARRABINE, John J.	Gary, Indiana
CARROLL, Kenneth V.	East Chicago, Indiana
CARROLL, Thomas M.	Chicago, Illinois
CARSE, George S.	Summit, New Jersey
CARTER, George D.	Blue Island, Illinois
CARTON, William G.	Chicago, Illinois
CASELLA, Gernard T.	Chicago, Illinois
CASEY, Bernard J.	Chicago, Illinois
CASEY, William P.	Chicago, Illinois
CASSELO, Charles J.	Chicago, Illinois
CASSIN, William	Chicago, Illinois
CATES, John M.	Birmingham, Michigan
CHAMBERLAIN, Mariana	Morocco, Indiana
CHIARO, Vincent G.	Chicago, Illinois
CHOVANEC, Stephen J.	Whiting, Indiana
CHRISTENSEN, Jack A.	Michigan City, Indiana
CHRISTENSEN, Paul G.	Potati, California
CHUROSH, James L. S.	Whiting, Indiana
CIESLAK, Paul S.	Chicago, Illinois
CISKOWSKI, Thomas M.	Milwaukee, Wisconsin
CLARK, Michael L.	Louisville, Kentucky
CLAUSEN, GLENN R.	Chicago, Illinois
CLEARY, Joseph P.	Chicago 43, Illinois
CLEMENTS, Charles A.	Warsaw, Indiana
CLEMENS, Dennis D.	Warsaw, Indiana
CLOUTIER, Richard E.	Chicago, Illinois
COATES, Thomas J.	Chicago, Illinois

REGISTER OF STUDENTS 159

COCHRANE, Richard J. -----	Maywood, Illinois
COGAN, Kevin J. -----	Chicago, Illinois
COLBERT, Richard A. -----	Cleveland, Ohio
COLE, David J. -----	Elwood, Indiana
COLE, Hubert S. -----	Benton Harbor, Michigan
COLLINS, James R. -----	Chicago, Illinois
COLLINS, Robert J. -----	Chicago, Illinois
COLON, Jamie L. -----	Santurce, Puerto Rico
COMPANIK, John P. -----	Whiting, Indiana
CONDON, Ronald J. -----	Oil City, Pennsylvania
CONLON, John L. -----	Park Ridge, Illinois
CONNELLY, George F. -----	Chicago, Illinois
CONNELLY, Raymond E. -----	Milwaukee, Wisconsin
CONNOR, Timothy J. -----	Fort Wayne, Indiana
CONROY, John T. -----	Maywood, Illinois
COOK, David E. -----	Fort Wayne, Indiana
CORMACK, William T. -----	Oak Park, Illinois
COSGROVE, Arthur J. -----	Goshen, Indiana
COUHIG, James K. -----	Sedalia, Missouri
CREAGER, Harry J. -----	St. Joseph, Michigan
CREAGER, Michael A. -----	St. Joseph, Michigan
CREAMER, Andrew L. -----	Oconee, Illinois
CREEL, Francis W. -----	Tulsa, Oklahoma
CRENSHAW, Richard D. -----	Wadsworth, Illinois
CREWS, Ralph S. -----	Louisville, Kentucky
CROCI, Albert H. -----	Toledo, Ohio
CROOK, James B. -----	Chicago, Illinois
CROSSE, Michael R. -----	Chicago, Illinois
CROWLEY, Floyd J. -----	St. Joseph, Michigan
CROWLEY, James W. -----	Oak Park, Illinois
CULLINAN, Dennis C. -----	Benton Harbor, Michigan
CUMMINGS, James M. -----	Chicago, Illinois
CUNNINGHAM, David L. -----	Wauwatosa, Wisconsin
CUPAK, Stephen J. -----	Cleveland, Ohio
CURRIE, William B. -----	Indianapolis, Indiana
CURRY, Joseph T. -----	Chicago, Illinois
CURTIS, David L. -----	South Bend, Indiana
CUSICK, Thomas A. -----	Detroit, Michigan
CZOPEK, Frank J. -----	Chicago, Illinois

DAGON, Thomas J. -----	Canisteo, New York
D'AGOSTINO, Samuel A. -----	Chicago, Illinois
DAIGLE, Norbert W. -----	Somersworth, New Hampshire
DALEIDEN, Joseph L. -----	Chicago, Illinois
DANCER, Dennis M. -----	Dayton, Ohio
DAOUST, Raymond E. -----	Inkster, Michigan
DAVID, Donald L. -----	Wauconda, Illinois
DEAK, Frank N. -----	South Bend, Indiana
DECKER, Brian M. -----	Grosse Point Farms, Michigan
DECKER, Robert L. -----	Grosse Point Farms, Michigan
DeJEAN, William F. -----	Evansville, Indiana
DELANEY, James A. -----	Fort Wayne, Indiana
DELANEY, Michael J. -----	Chicago, Illinois
DEL COTTO, Pascale G. -----	Chicago, Illinois
DELLANINA, Emo A. -----	Chicago, Illinois

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DEMPSEY, Donald D. -----	Chicago, Illinois
DEMPSEY, James E. -----	Chicago, Illinois
DENICOLA, Ronald J. -----	Cincinnati, Ohio
DENO, Douglas W. -----	Earl Park, Indiana
DEPTULA, Walter Eugene -----	Chicago, Illinois
DEUTCH, Ronald C. -----	La Porte, Indiana
DEVEREAUX, Patrick J. -----	Port Huron, Michigan
DHOOGHE, Russell L. -----	Berwyn, Illinois
DHOORE, Robert M. -----	Mishawaka, Indiana
DIANA, Robert -----	Crystal Lake, Illinois
DIBLIK, Rudolph -----	Elmhurst, Illinois
DiCIANNI, Peter P. -----	Chicago, Illinois
DICKS, Gary R. -----	Beaumont, Texas
DIEBOLD, Dennis L. -----	Skokie, Illinois
DIENER, Albert J. -----	Dunkirk, Indiana
DiGIOVINE, Carmen S. -----	Joliet, Illinois
DILLON, Timothy E. -----	Fort Wayne, Indiana
DILWORTH, Donald T. -----	Lima, Ohio
DINGEMAN, Richard P. -----	Detroit, Michigan
DIRKSEN, Carl C. -----	Maria Stein, Ohio
DIXON, James S. -----	LaPorte, Indiana
DIABIK, Charles J. -----	Perth Amboy, New Jersey
DOBECKI, Glenn A. -----	Niles, Michigan
DOBSON, F. Thomas -----	Madison, Wisconsin
DOHERTY, Robert E. -----	Chicago, Illinois
DOHR, John A. -----	Chicago, Illinois
DOHR, Thomas A. -----	Chicago, Illinois
DOLNIAK, Steven H. -----	Chicago, Illinois
DOMAGALA, Gerald M. -----	Chicago, Illinois
DOMBRO, Robert A. -----	Chicago, Illinois
DOMBROWSKI, Robert A. -----	Chicago, Illinois
DOMKE, John W. -----	Chicago, Illinois
DONES, Peter D. -----	Elmwood Park, Illinois
DONNELLAN, Joseph J. -----	Carmel, Indiana
DONOVAN, Timothy J. -----	Chicago, Illinois
DORAN, James W. -----	South Bend, Indiana
DORE, William J. -----	Chicago, Illinois
DOUGHERTY, Robert E. -----	Chicago, Illinois
DOWNARD, William L. -----	Reading, Ohio
DOYLE, Joseph A. -----	Riverdale, Illinois
DOYLE, Michael M. -----	Cincinnati, Ohio
DRENNAN, John P. -----	Berwyn, Illinois
DRENNAN, Thomas -----	Berwyn, Illinois
DRISCOLL, Denis B. -----	Cincinnati, Ohio
DRISCOLL, James J. -----	Fargo, North Dakota
DROUILLARD, Richard C. -----	Muskegon, Michigan
DU BOIS, Robert C. -----	South Bend, Indiana
DUDECK Jon A. -----	South Bend, Indiana
DUFFY, Julian E. -----	Celina, Ohio
DUNDERMAN, Fred J. -----	Antwerp, Ohio
DVORAK, Robert E. -----	Chicago, Illinois
DWORAK, Stanley W. -----	Chicago, Illinois
DZIADOSZ, William E. -----	Gary, Indiana

EDMONDS, Elizabeth ----- Rensselaer, Indiana

REGISTER OF STUDENTS 161

EDMONDS, Nuel F. -----	Rensselaer, Indiana
EDWARDS, James M. -----	Davison, Michigan
EFFINGER, Thomas J. -----	Rensselaer, Indiana
EGAN, Harold F. -----	Lemont, Illinois
EGAN, James M. -----	Chicago, Illinois
EGAN, Joseph C. -----	La Crosse, Wisconsin
EISENMENGER, Richard M. -----	Elmhurst, Illinois
EITING, Lawrence E. -----	Minster, Ohio
ELIJAH, Terry D. -----	Rensselaer, Indiana
ELLIOTT, Michael A. -----	Westville, Illinois
ELLIOTT, William L. -----	Cleveland, Ohio
ELLSWORTH, James R. -----	Monticello, Indiana
ENDRES, John R. -----	New Philadelphia, Ohio
ENRIQUEZ, Emilio -----	Anthony, New Mexico, Texas
EPHGRAVE, George F. -----	Chicago, Illinois
ERNST, Keith Patrick -----	Chicago, Illinois
ESCHMAN, Elbert E. -----	Belleville, Illinois
ETZWILER, David J. -----	Mansfield, Ohio
EVANGELISTI, Robert G. -----	Chicago, Illinois
EVANS, Joseph F. -----	Chicago, Illinois
EVANS, Reginald D. -----	Hammond, Indiana
EVANS, Sabra Sue -----	Hebron, Indiana

FAGEN, David G. -----	Crown Point, Indiana
FALVEY, John P. -----	Knox, Indiana
FARACI, Peter A. -----	Detroit, Michigan
FAULKNER, Mary Frances -----	Lafayette, Indiana
FERGUSON, Theodore R. -----	Chicago, Illinois
FERNBACH, Ronald J. -----	Villa Park, Illinois
FINKBINER, Charles P. -----	Indianapolis, Indiana
FISCHER, Birk Fred -----	Evansville, Indiana
FISCHER, Steve C. -----	Belleville, Illinois
FISCHER, William A. -----	Owosso, Michigan
FISH, William V. -----	Chicago 36, Illinois
FITZGERALD, Harry C. -----	Morocco, Indiana
FITZGERALD, Joseph F. -----	Chicago, Illinois
FITZGERALD, Michael D. -----	Elmwood Park, Illinois
FITZMAURICE, James M. -----	Winchester, Indiana
FITZPATRICK, John C. -----	Chicago, Illinois
FLAMERICH, Francisco H. -----	Caracas, Venezuela
FLANAGAN, Leo M. -----	Chicago Heights, Illinois
FLEISHER, Edward T. -----	Andover, Ohio
FLETCHALL, Thomas E. -----	Poseyville, Indiana
FLISZAR, Joseph W. -----	Chicago, Illinois
FORD, James S. -----	Benton Harbor, Michigan
FORLENA, Joseph A. -----	Chicago, Illinois
FORTIN, William L. -----	Whiting, Indiana
FORTNEY, Charles T. -----	South Fargo, North Dakota
FOSS, George J. -----	Lancaster, Ohio
FRANCIS, James N. -----	Mt. Clemens, Michigan
FRANCOEUR, Byron P. -----	Anderson, Indiana
FRANCOIS, Charles V. -----	Flint, Michigan
FRANKIEWICZ, Paul J. -----	Chicago, Illinois
FRASER, Michael D. -----	Pontiac, Michigan
FREDERICKS, William W. -----	Dearborn, Michigan

162 SAINT JOSEPH'S COLLEGE

FREEHILL, Charles S.	Melvin, Illinois
FREEHILL, Patrick J.	Melvin, Illinois
FREELAND, Anthony E.	Hoopeston, Illinois
FREIBERT, Ralph W.	Downers Grove, Illinois
FRIEDRICH, Gerald J.	South Bend, Indiana
FROST, George V.	Roslyn L. I., New York
FUNK, Donald E.	Kentland, Indiana
FUNK, Edward J.	Tinley Park, Illinois
FUNK, Robert W.	Kentland, Indiana

GABRIEL, Eberhard J.	Westmont, Illinois
GADDY, Edward P.	Berkeley, Illinois
GAGLIANO, Victor J.	Milwaukee, Wisconsin
GALE, William C.	Chicago, Illinois
GALLAGHER, Daniel G.	Chicago, Illinois
GALLAGHER, Harold J.	Chicago, Illinois
GALLAGHER, Hugh H.	Chicago, Illinois
GALLAHER, Lee D.	Chicago, Illinois
GALLIVAN, Robert M.	Chicago, Illinois
GALLO, Dennis M.	Berwyn, Illinois
GALVIN, James E.	Worth, Illinois
GAMBLA, Gerald J.	Oak Lawn, Illinois
GANNON, James C.	Cleveland, Ohio
GARDNER, Ralph D.	Gary, Indiana
GARIBAY, Leo F.	Chicago, Illinois
GARNIER, Edward P.	Kankakee, Illinois
GARR, Joseph M.	Calumet City, Illinois
GARZYNSKI, Robert F.	Berwyn, Illinois
GASICK, Dennis M.	Chicago, Illinois
GASPARO, Daniel R.	Chicago, Illinois
GATTON, Michael J.	untertown, Indiana
GAVIN, Thomas J.	Chicago, Illinois
GEHRLICH, Edward W.	Wapakoneta, Ohio
GEMBALA, Matthew J.	Highland, Indiana
GEORGE, John W.	Elyria, Ohio
GERMEK, Paul C.	Painesville, Ohio
GERSTNER, Dietwald A.	Kaiserslautern, Germany
GIERAT, Robert J.	Chicago, Illinois
GIES, Robert J.	Chicago, Illinois
GILLEN, Robert D.	Granger, Indiana
GILLIG, Gerald A.	Decatur, Indiana
GILMORE, William A.	Dayton, Ohio
GIMBEL, Donald L.	Broadview, Illinois
GITZINGER, Richard C.	Dayton, Ohio
GLADU, Gerald R.	Bradley, Illinois
GLANZ, Richard	Chicago, Illinois
GLATZ, Edward J.	Chicago, Illinois
GLENN, Arthur L.	Lombard, Illinois
GLICK, Luella	Remington, Indiana
GLOWACKI, Robert J.	Hammond, Indiana
GODSHALL, Gerald D.	Highland, Indiana
GOEDDEKE, Vincent P.	Detroit, Michigan
GOGGIN, Dennis J.	Chicago, Illinois
GOHEEN, Thomas A.	Huntington, West Virginia
GOLUMBECK, Edward A.	Hammond, Indiana

REGISTER OF STUDENTS 163

GONCZY, Daniel J. -----	Whiting, Indiana
GONDEK, Andrew J. -----	Chicago, Illinois
GORDON, John P. -----	Chicago, Illinois
GORDON, Lawrence A. -----	Penfield, Illinois
GORMAN, John P. -----	Oak Park, Illinois
GORMAN, Michael E. -----	Chicago, Illinois
GRAFF, Gerald W. -----	Chicago, Illinois
GRAHAM, Michael E. -----	Royal Oak, Michigan
GRAHAM, Robert E. -----	Morocco, Indiana
GRANT, Gladys Carr -----	Rensselaer, Indiana
GRASSI, Felix J. -----	Chicago, Illinois
GRAY, Walter J. -----	Columbus, Ohio
GREEN, John G. -----	Mundelein, Illinois
GRIFFIN, John B. -----	Indianapolis, Indiana
GRUDEN, John F. -----	Willoughby, Ohio
GRUSZEWSKI, William E. -----	Chicago, Illinois
GUADAGNO, Daniel E. -----	Chicago, Illinois
GUAGENTI, Andrew N. -----	Chicago, Illinois
GUERTIN, David L. -----	Kankakee, Illinois
GUGLIOTTA, Joseph D. -----	Chicago, Illinois
GUISINGER, William C. -----	Mansfield, Ohio
GULVAS, Robert J. -----	Whiting, Indiana
GURZICK, Robert C. -----	Detroit, Michigan
GUZIK, Kenneth L. -----	Chicago, Illinois

HABERKORN, Matthew J. -----	Oak Park, Illinois
HADALA, Robert S. -----	Joliet, Illinois
HADDAD, Ronald J. -----	Brooklyn, New York
HAGERMAN, Gerald W. -----	Harper Woods, Michigan
HAGYE, Richard J. -----	Rensselaer, Indiana
HAHN, Doyne Marcus -----	Griffith, Indiana
HAMER, C. Wayne -----	Rensselaer, Indiana
HANDZEL, Louis J. -----	Chicago, Illinois
HANLEY, Alan P. -----	Oak Park, Illinois
HANRAHAN, Terence C. -----	Chicago, Illinois
HANSEN, Harold T. -----	Chicago, Illinois
HANSON, Richard A. -----	Chicago, Illinois
HARMON, Francis J. -----	Chicago, Illinois
HARMON, Thomas J. -----	Earlville, Illinois
HAROS, Harry C. -----	Chicago, Illinois
HARRISON, Christopher L. -----	Niles, Michigan
HART, William R. -----	North Chicago, Illinois
HARTFORD, Michael H. -----	Crown Point, Indiana
HAVERTY, Kevin J. -----	Chicago, Illinois
HAYDEN, Joe H. -----	Louisville, Kentucky
HAYES, Fred A. -----	Lansing, Illinois
HAYES, Robert J. -----	Chicago, Illinois
HAYHURST, Robert V. -----	Bradley, Illinois
HEALEY, Thomas E. -----	Niles, Michigan
HEIMANN, James A. -----	Decatur, Indiana
HEIMBUCH, Joseph A. -----	Detroit, Michigan
HELLING, Charles J. -----	Wausaw, Wisconsin
HELMOLD, Thomas F. -----	Chicago, Illinois
HEMMELGARN, Ronald L. -----	Celina, Ohio
HEMMERLING, Michael D. -----	Riverdale, Illinois

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HEMSTREET, Gerald F.	Hillside, Illinois
HENDERLONG, Thomas E.	Crown Point, Indiana
HENES, Charles W.	Chicago, Illinois
HENNEMAN, Robert J.	Chicago, Illinois
HENSELL, Gene M.	Marion, Indiana
HENTSCHEL, Ingo W.	Rensselaer, Indiana
HERB, Richard W.	Sandosky, Ohio
HERBST, George F.	Bellwood, Illinois
HERLEHY, Dennis M.	Elmwood Park, Illinois
HERMANSEN, Phyllis E.	Brook, Indiana
HERSHBERGER, Dennis R.	Rensselaer, Indiana
HIETPAS, Richard J.	Appleton, Wisconsin
HILL, John D.	Louisville, Kentucky
HOFFMAN, Don M.	Champaign, Illinois
HOFFMAN, John F.	Chicago, Illinois
HOLL, Donald E.	Rensselaer, Indiana
HOLLAND, James C.	Shirley, Indiana
HOLLAND, James F.	Lafayette, Indiana
HOLLAND, William A.	Chicago, Illinois
HOLLATZ, Richard J.	Chicago, Illinois
HOLLENKAMP, Theodore J.	Detroit, Michigan
HOLLER, Michael B.	Mansfield, Ohio
HOLLIHAN, Timothy E.	Marinette, Wisconsin
HOLSTEIN, Ronald A.	Hamilton, Ohio
HOOVER, David H.	Louisville, Ohio
HOPKINS, Joseph P.	Wonder Lake, Illinois
HORN, Charles E.	Chicago, Illinois
HORNAUER, Carl	Wyandotte, Michigan
HOSTETLER, Ronald E.	Lakeville, Indiana
HOULIHAN, Dennis M.	Lima, Ohio
HULA, Joseph A.	Chicago, Illinois
HUNNESHAGEN, Donald E.	Rochester, Indiana
HUNT, James J.	Rocky River, Ohio
HURLEY, Edward T.	Indianapolis, Indiana
HURST, Kenneth G.	Chicago, Illinois
HYDE, Joseph P.	Indianapolis, Indiana

IMBUR, Robert K.	Riverside, Illinois
INFANTE, Peter F.	Lima, Ohio
IPPOLITO, Vincent J.	Elmwood Park, Illinois
ISSELHARD, Terrell J.	Belleville, Illinois

JACK, Jerry L.	Mishawaka, Indiana
JACOBS, Curtis M.	Madison, Indiana
JADRYEV, John N.	Chicago, Illinois
JANESHESKI, Cesare S.	South Bend, Indiana
JANICKI, George J.	Chicago, Illinois
JANSEN, William A.	Kokomo, Indiana
JANSEY, Robert A.	Chicago, Illinois
JANSSEN, Thomas R.	Freeburg, Illinois
JANUS, Joseph J.	Euclid, Ohio
JAUNDZEMS, Jekabs L.	Brown Mills, New Jersey
JENSEN, Thomas L.	Chicago, Illinois
JERRY, Herman	Gary, Indiana
JETER, Richard C.	Indianapolis, Indiana

REGISTER OF STUDENTS 165

JOHNSON, Dennis M. ----- Chicago, Illinois
 JOHNSON, Robert J. ----- Chicago, Illinois
 JOHNSON, Walter T. ----- Chicago, Illinois
 JOHNSTON, Ray N. ----- Lima, Ohio
 JONES, Daniel L. ----- Upper Sandusky, Ohio
 JOSEFORSKY, Alan C. ----- Gary, Indiana
 JOZAITES, Francis G. ----- Norridge, Illinois
 JUNG, Robert L. ----- Calumet City, Illinois
 JUPINKA, Stephen J. ----- Fords, New Jersey

KAINEG, James R. ----- Herscher, Illinois
 KAISER, John W. ----- Dayton, Ohio
 KAISER, Joseph A. ----- Cincinnati, Ohio
 KAISER, Robert L. ----- Fort Recovery, Ohio
 KAMINSKI, Mitchell, V. ----- Chicago, Illinois
 KAMINSKY, James J. ----- Whiting, Indiana
 KANE, John F. ----- Chicago, Illinois
 KANTOWICZ, Edwin J. ----- Chicago, Illinois
 KASKY, G. Robert ----- Chicago, Illinois
 KEANE, John J. ----- Chicago, Illinois
 KEANE, Thomas F. ----- Chicago, Illinois
 KEARNEY, Robert P. ----- Calumet City, Illinois
 KEENAN, William E. ----- Cleveland, Ohio
 KEILMAN, Frank L. ----- Dyer, Indiana
 KELLER, Dennis B. ----- St. Henry, Ohio
 KELLER, Philip M. ----- La Grange, Indiana
 KELLEY, Charles J. ----- Akron, Ohio
 KELLY, George L. ----- Chicago, Illinois
 KELLY, Lawrence P. ----- Marion, Ohio
 KELLY, Raymond J. ----- Elmwood Park, Illinois
 KELLY, Thomas E. ----- Lansing, Michigan
 KEMME, Melvin B. ----- Northbrook, Ohio
 KEMPF, Edward L. ----- Chicago, Illinois
 KENNEDY, Edward W. ----- Chicago, Illinois
 KENNEDY, Timothy S. ----- Templeton, Indiana
 KENNEDY, Timothy T. ----- South Euclid, Ohio
 KENNEDY, William M. ----- Dayton, Ohio
 KENNEFICK, Thomas M. ----- Chicago, Illinois
 KENNEY, H. Philip ----- Indianapolis, Indiana
 KENNEY, Robert J. ----- Columbus, Ohio
 KENVILLE, Ralph T. ----- Penn Yan, New York
 KESSLER, Philip A. ----- Evansville, Indiana
 KESTLELOOT, William H. ----- Muskegon, Michigan
 KETCHMARK, Gene R. ----- Pontiac, Illinois
 KETCHMARK, William J. ----- Pontiac, Illinois
 KICNSKI, Thomas C. ----- Hobart, Indiana
 KIEFER, John D. ----- Evansville, Indiana
 KILEY, Daniel E. ----- Cullom, Illinois
 KING, David C. ----- Western Springs, Illinois
 KINNEY, James F. ----- Ho-Ho-Kus, New Jersey
 KIRWEN, William J. ----- Jackson, Michigan
 KISCHE, Richard J. ----- Middletown, Pennsylvania
 KISSNER, Thomas J. ----- Defiance, Ohio
 KLATECKI, Greg L. ----- Chicago, Illinois
 KLAUER, Robert L. ----- Chicago, Illinois

166 SAINT JOSEPH'S COLLEGE

KLAUS, Patricia J. -----	Remington, Indiana
KLAWITTER, John M. P. -----	Steger, Illinois
KLAWITTER, Thomas F. -----	Steger, Illinois
KLEIN, Joan M. -----	Milton, Indiana
KLEIN, Robert A. -----	Riverdale, Illinois
KLEMME, Leo F. -----	Earl Park, Indiana
KLESZYNSKI, Richard R. -----	Chicago, Illinois
KLINE, Roland A. -----	Chicago, Illinois
KLINGELE, James L. -----	Lombard, Illinois
KLOSTERMAN, Gerald E. -----	Dayton, Ohio
KMAK, James J. -----	Chicago, Illinois
KNAPP, Dennis K. -----	St. Joseph, Michigan
KNIGHT, Raymond J. -----	East Chicago, Indiana
KOCOLOWSKI, Kenneth R. -----	Bellwood, Illinois
KOERBER, John D. -----	Chicago, Illinois
KOHR, Kenneth L. -----	St. Louis, Missouri
KOLESAR, John C. -----	Chicago, Illinois
KOLESAR, Paul M. -----	Chicago, Illinois
KOLESIK, Ernest T. -----	South Bend, Indiana
KINCZYK, Thomas F. -----	Chicago, Illinois
KONESNY, Kenneth F. -----	Otisville, Michigan
KOSMATKA, Ronald J. -----	Detroit, Michigan
KOSOBUECKI, Dennis B. -----	Cicero, Illinois
KOVACS, Joseph S. -----	Chicago, Illinois
KRABBE, Joseph G. -----	Cincinnati, Ohio
KRANTZ, Ernest S. -----	Atwater, Ohio
KRATOCHVIL, Ronald R. -----	Chicago, Illinois
KRAUKLIS, William J. -----	Cicero, Illinois
KRAYNIK, Michael R. -----	Gary, Indiana
KRENISKE, John E. -----	Chicago, Illinois
KREUTZJANS, William A. -----	Fort Wright, Kentucky
KRICK, Theodore P. -----	Chicago, Illinois
KRIGBAUM, Henry S. -----	Marion, Ohio
KROEGER, Tom W. -----	Elgin, Illinois
KROL, Joseph E. -----	Harvey, Illinois
KROLL, Leonard R. -----	Chicago, Illinois
KRUPA, Francis A. -----	Cincinnati, Ohio
KRUPA, Richard D. -----	Cincinnati, Ohio
KRUSWICKI, Conrad R. -----	Chicago, Illinois
KUBECK, John M. -----	Hammond, Indiana
KUBICKI, Kevin A. -----	Chicago, Illinois
KUCHOWICS, Robert S. -----	South Bend, Indiana
KUCHTA, Dennis C. -----	Lansing, Illinois
KUCHTA, Thomas W. -----	Lansing, Illinois
KUHAR, Thomas -----	South Bend, Indiana
KUMMERER, Philip M. -----	Chicago, Illinois
KUNA, Thomas E. -----	Chicago, Illinois
KUNTZ, Norbert A. -----	St. Johns, Michigan
KUPKE, Eleanor M. -----	Francesville, Indiana
KUZOLA, Michael J. -----	Elmhurst, Illinois
LABBE, Emil J. -----	Dover, New Hampshire
LACY, John J. -----	Vincennes, Indiana
LaFONTAIN, Gerald W. -----	Fostoria, Ohio
LAKEMECKI, Ted F. -----	Chicago, Illinois

REGISTER OF STUDENTS 167

LAMMORS, Roger G.	Leipsie, Ohio
LaMOTTE, Kenneth J.	Birmingham, Michigan
LANESE, Thomas R.	Cleveland, Ohio
LANG, Frederick R.	Randolph, Ohio
LANGE, Frank A.	Cicero, Illinois
LANGENDERFER, Allen J.	Metamora, Ohio
LANGNER, Gerald D.	South Bend, Indiana
LaPORTA, Michael J.	Chicago, Illinois
LAREAU, Bernard E.	Beaverville, Illinois
LAREAU, Robert F.	Beaverville, Illinois
LARIMER, Richard E.	Hometown, Illinois
LARSON, Paul F.	East Chicago, Indiana
LATEK, Edward C.	Chicago, Illinois
LATTANZI, Eugene R.	East Haven, Connecticut
LAU, John R.	Harvey, Illinois
LAUDE, Edward J.	Chicago, Illinois
LAUGHLIN, Michael P.	Chicago, Illinois
LAVERY, Dennis G.	Orland Park, Illinois
LAVERY, William R.	Evergreen Park, Illinois
LAYDEN, Rita M.	Rensselaer, Indiana
LEHMAN, Robert B.	Lansing, Illinois
LEHMAN, William O.	Louisville, Kentucky
LEONARD, Thomas E.	Winamac, Indiana
LETE, Desire F.	Floyd Knobs, Indiana
LEVENDA, Terrance A.	East Gary, Indiana
LEWIS, James E.	Oak Lawn, Illinois
LEWIS, J. Patrick	Gary, Indiana
L'HEUREUX, Robert D.	Arlington, Virginia
LIEB, William E.	Sandusky, Ohio
LIGDA, Stephen M.	Gary, Indiana
LIMP, Ted A.	Kentland, Indiana
LINDER, Lowell I.	Linton, North Dakota
LIPKE, Edward J.	Detroit, Michigan
LIPTAI, Tibor J.	Chicago, Illinois
LISAK, Daniel J.	Michigan City, Indiana
LISZKA, Richard J.	Chicago, Illinois
LISZKOWSKI, Ronald J.	Chicago, Illinois
LOCKRIDGE, Robert A.	Madison, Indiana
LOMBARDO, Stephen J.	Chicago, Illinois
LONG, Donald M.	Lorain, Ohio
LONG, John W.	Marion, Indiana
LONG, Thomas E.	Stamford, Connecticut
LONZ, James C.	Norwalk, Ohio
LORSCHIEDER, Fred R.	Chicago, Illinois
LOTHROP, Paul E.	Chicago, Illinois
LOY, Elizabeth J.	Rensselaer, Indiana
LUBBINGA, Robert H.	Chicago, Illinois
LUCAS, James A.	Rensselaer, Indiana
LUCE, Clyde E.	La Porte, Indiana
LUDWA, David E.	Markham, Illinois
LUDWIG, Kenneth L.	Chicago, Illinois
LULEWICZ, John J.	Chicago, Illinois
LUXEM, John M.	Logansport, Indiana
LYNCH, Andrew C.	Highland Park, Illinois
LYONS, John W.	Oak Park, Illinois
LYSAUGHT, Edward L.	Michigan City, Indiana

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McADAMS, Thomas E. -----	Chicago, Illinois
McARDLE, James M. -----	Chicago, Illinois
McAVOY, Edward J. -----	Michigan City, Indiana
McCABE, Pierce F. -----	Brookfield, Illinois
McCARTHY, John T. -----	Chicago, Illinois
McCAULEY, James W. -----	Manhasset, L. I., New York
McCAULEY, Lee P. -----	Cleveland, Ohio
McCRONE, William M. -----	Lakewood, Ohio
McCUTCHEON, Thomas P. -----	Roscommon, Michigan
McDOWELL, James G. -----	Chicago, Illinois
McDOWELL, William P. -----	Chicago, Illinois
McERLEAN, John M. -----	Flossmoor, Illinois
McFARLAND, Hugh J. -----	Lakewood, Ohio
McGEE, Edward P. -----	Chicago, Illinois
McGILL, James E. -----	Port Huron, Michigan
McGLOWE, William J. -----	Chicago, Illinois
McGOWAN, Harry J. -----	Birmingham, Michigan
McHENRY, James M. -----	Springfield, Illinois
McINTOSH, Kenneth L. -----	Lincoln Park, Michigan
McKAY, Lawrence A. -----	Downers Grove, Illinois
McKILLIP, Karen E. -----	Wolcott, Indiana
McKOSKI, Martin M. -----	Akron, Ohio
McLAUGHLIN, Martin J. -----	Saginaw, Michigan
McMAHON, James J. -----	Chicago, Illinois
McMAHON, James R. -----	Louisville, Kentucky
McMANMON, Owen F. -----	Chicago, Illinois
McMULLEN, Raymond K. -----	Schererville, Indiana
McNALLY, Edward B. -----	Chicago, Illinois
MALONE, Daniel E. -----	East Detroit, Michigan
MANEY, Robert D. -----	Tipton, Indiana
MANISZEWSKI, Edward C. -----	Chicago, Illinois
MANSON, John D. -----	Chicago, Illinois
MANTICH, Andrew M. -----	Whiting, Indiana
MARCHAL, Leroy J. -----	Houston, Ohio
MARCHESSAULT, David W. -----	New Haven, Connecticut
MARCOTTE, Jerome J. -----	Kankakee, Illinois
MARCOTTE, Kenneth F. -----	Elmhurst, Illinois
MARECKI, David J. -----	North Canton, Ohio
MAREN, David A. -----	Hinsdale, Illinois
MAREN, Jerome P. -----	Evergreen Park, Illinois
MARKEY, David A. -----	Chicago, Illinois
MARLATT, Jo Anne -----	Rensselaer, Indiana
MARQUARDT, James W. -----	Lorain, Ohio
MARSHALL, John M. -----	Wheatfield, Illinois
MARTINELLI, Hugh J. -----	Murrysville, Pennsylvania
MARTINO, Frederic J. -----	Chicago, Illinois
MARX, Robert P. -----	Webster Groves, Missouri
MARZEC, Wilter S. -----	Chicago, Illinois
MASCOTTE, John P. -----	Fort Wayne, Indiana
MASON, James A. -----	Birmingham, Michigan
MASZKA, Robert J. -----	Chicago, Illinois
MATHEW, Carol J. -----	Wolcott, Indiana
MATOVINA, Michael S. -----	Hammond, Indiana
MATRANGE, Joseph F. -----	Bayonne, New Jersey
MATTASITS, Thomas A. -----	Mishawaka, Indiana

REGISTER OF STUDENTS 169

MATUSKA, Dennis J.	Whiting, Indiana
MAYER, Edward F.	Evergreen Park, Illinois
MEDLAND, Richard H.	Logansport, Indiana
MERKEL, Michal A.	Remington, Indiana
MESARCH, Phillip G.	Gary, Indiana
MESERVEY, Jerome T.	Chicago, Illinois
MESSER, Thomas J.	Chicago, Illinois
METTLER, Michael C.	Fort Wayne, Indiana
METZ, William L.	Dearborn, Michigan
MEUSER, Max B.	Princeton, Indiana
MEYERS, Gwen	Rensselaer, Indiana
MEYERS, Richard A.	Chicago, Illinois
MICHNA, Charles G.	Denmark, Wisconsin
MIESLE, Terrence E.	Fremont, Ohio
MIGELY, Richard R.	Chicago, Illinois
MIHOK, Gerald P.	New Kensington, Pennsylvania
MIKEL, John B.	Chicago, Illinois
MIKEL, Louis E.	Chicago, Illinois
MIKUTIS, Dennis J.	Chicago, Illinois
MILAK, Paul D.	Chicago, Illinois
MILAS, John V.	Chicago, Illinois
MILLER, Joseph W.	Bellwood, Illinois
MILLER, Kenneth H.	Culver, Indiana
MILLER, Leonard D.	East Detroit, Michigan
MILLER, Theodore J.	Chicago, Illinois
MILLER, Thomas J.	St. Joseph, Michigan
MILLER, Thomas J.	Louisville, Kentucky
MILLER, Thomas M.	McKena, Illinois
MIRABELLA, Sam N.	Chicago, Illinois
MIROCHA, John A.	South Bend, Indiana
MISTRETTA, Michael J.	Ramsey, New Jersey
MITALO, Vita A.	Chicago, Illinois
MITCHELL, Thomas J.	Chicago, Illinois
MOBLEY, Dan W.	Hope, Indiana
MOEBS, David S.	Chicago, Illinois
MOLL, Donald A.	Park Forest, Illinois
MOLONEY, Thomas J.	Marion, Ohio
MORIARTY, William J.	Birmingham, Michigan
MORRIS, Edward A.	Skokie, Illinois
MORRIS, Philip A.	New York, New York
MORRISSEY, Richard J.	Brookfield, Illinois
MOWERY, Willard F.	Philadelphia, Pennsylvania
MOYER, James J.	Lima, Ohio
MOYNAHAN, Gerald F.	Newburyport, Massachusetts
MROCZEK, Kenneth D.	Chicago, Illinois
MUDD, Dennis I.	Skokie, Illinois
MUELLER, Arthur J.	Delphos, Ohio
MUELLER, Gerald F.	Royal Oak, Michigan
MUELLER, Robert C.	Chicago, Illinois
MULLARKEY, Martin W.	Chicago, Illinois
MULLER, Robert E.	Tenafly, New Jersey
MULVANEY, John E.	Chicago, Illinois
MURIN, Thomas G.	Chicago, Illinois
MURPHY, Daniel J.	Chicago, Illinois
MURPHY, Patrick J.	Chicago, Illinois
MURPHY, Stephen R.	Birmingham, Michigan

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MURRAY, Joseph M. ----- Troy, New York
MURRAY, Peter J. ----- Lorain, Ohio
MURRAY, Robert M. ----- Homewood, Illinois
MUSIAL, Wayne T. ----- Chicago, Illinois
MUSKET, Ronald F. ----- Chicago, Illinois
MUSSEY, John P. ----- Chicago, Illinois
MYERS, Michael D. ----- Canton, Ohio

NADEAU, Roberta L. ----- Portland, Oregon
NAHNSEN, John F. ----- Chicago, Illinois
NASH, Timothy J. ----- Bronxville, New York
NAVIGATO, John J. ----- Chicago, Illinois
NAVIN, Leo J. ----- Detroit, Michigan
NAYLON, Charles V. ----- Sandwich, Illinois
NAYLON, Thomas M. ----- Sandwich, Illinois
NEDZA, Walter J. ----- Chicago, Illinois
NEFF, Lawrence C. ----- Chicago, Illinois
NELSON, Paul W. ----- Oil City, Pennsylvania
NELSON, Wilma J. ----- Brook, Indiana
NETKO, Norman W. ----- Chicago, Illinois
NETT, Elmer A. ----- Fond du Lac, Wisconsin
NEWCOMB, Thomas J. ----- Gary, Indiana
NEWMAN, James A. ----- Elgin, Illinois
NEWMAN, Robert A. ----- Chicago, Illinois
NGUYEN, Toan ----- Saigon, Vietnam
NIBECK, Stuart N. ----- Fostoria, Ohio
NOBLE, John H. ----- Gas City, Indiana
NONDORF, Robert F. ----- Hammond, Indiana
NORRIS, John F. ----- Chicago, Illinois
NOWICK, John B. ----- Chicago, Illinois

OBERLIESEN, Francis P. ----- Center Line, Michigan
O'BRIEN, Kevin ----- Westlake, Ohio
O'BRIEN, Michael J. ----- Oak Park, Illinois
O'CONNELL, Thomas P. ----- Elgin, Illinois
O'CONNELL, William J. ----- Chicago, Illinois
O'CONNOR, David ----- Port Huron, Michigan
O'CONNOR, John J. ----- Chicago, Illinois
O'CONNOR, John P. ----- Elmwood Park, Illinois
O'CONNOR, Michael E. ----- Chicago, Illinois
O'CONNOR, Patrick J. ----- Logansport, Indiana
O'DAY, Ernest J. ----- Chicago, Illinois
O'DONNELL, James ----- Chicago, Illinois
OEFFINGER, James A. ----- New Albany, Indiana
OGORZELEC, Paul R. ----- Chicago, Illinois
OGREN, David A. ----- Whiting, Indiana
O'HARA, Edward J. ----- LaGrange Park, Illinois
O'HARE, Dennis M. ----- Chicago, Illinois
OHDE, John A. ----- Chicago, Illinois
OLESEK, Walter F. ----- Chicago, Illinois
OLIVER, Raymond S. ----- Decatur, Illinois
O'NEIL, Judith A. ----- Morocco, Indiana
O'NEILL, Patrick J. ----- Willard, Ohio
O'REILLY, John J. ----- Pontiac, Michigan
O'REILLY, Patrick M. ----- Logansport, Indiana

REGISTER OF STUDENTS 171

O'ROURKE, Gerald A. ----- Chicago, Illinois
 OSGOOD, Vincent E. ----- Youngstown, Ohio
 O'SHEA, Daniel K. ----- LeRoy, New York
 OSMULSKI, Gerald J. ----- Hammond, Indiana
 OSMULSKI, Richard J. ----- Hammond, Indiana
 OSTROWSKI, Richard J. ----- Willow Springs, Illinois
 OWEN, John E. ----- Downers Grove, Illinois

PACENTI, Anthony J. ----- Chicago, Illinois
 PACHOLSKI, Richard J. ----- Chicago, Illinois
 PACIGA, Francis J. ----- Chicago, Illinois
 PALAZZOLO, Frank G. ----- Detroit, Michigan
 PANAS, James F. ----- Chicago, Illinois
 PANDOLA, Frank C. ----- Cicero, Illinois
 PARIS, Elmer L. ----- Winamac, Indiana
 PARIS, Joseph S. ----- Schererville, Indiana
 PARISO, Victor V. ----- Chicago, Illinois
 PASSAKACQUA, Larry J. ----- Effingham, Illinois
 PATCHMAN, Jerry E. ----- Dyer, Indiana
 PATTERSON, John V. ----- Fort Wayne, Indiana
 PATTERSON, Joseph N. ----- Flemingsburg, Kentucky
 PAUGH, James F. ----- Lebanon, Pennsylvania
 PAYNE, Janet S. ----- Rensselaer, Indiana
 PEREZ, Jose M. ----- Caguas, Puerto Rico
 PEREZ, Julian F. ----- East Chicago, Indiana
 PERRIGO, Mark A. ----- Flint, Michigan
 PESARESI, Daniel J. ----- Winamac, Indiana
 PETERICH, Albert T. ----- Kouts, Indiana
 PETRAITIS, Raymond W. ----- Chicago, Illinois
 PHELPS, Marian A. ----- Rensselaer, Indiana
 PHELPS, Robert J. ----- Elgin, Illinois
 PHILLIPS, William C. ----- Dearborn, Michigan
 PICCIRILLI, Ralph J. ----- Calumet City, Illinois
 PIERO, Robert C. ----- Massillon, Ohio
 PIGGUSH, James R. ----- Bourbonnais, Illinois
 PIKARSKI, John J. ----- Chicago, Illinois
 PILOTTE, Cliff A. ----- St. Anne, Illinois
 PIOTROWSKI, Walter E. ----- LaPorte, Indiana
 PLEIMAN, Kenneth F. ----- Anna, Ohio
 PLUMKERT, Jack T. ----- St. Louis, Missouri
 POPP, George R. ----- Memphis, Indiana
 PORTZ, Richard P. ----- Munster, Indiana
 POST, George L. ----- Coldwater, Ohio
 POST, John A. ----- Coldwater, Ohio
 PRICE, Richard C. ----- Chicago, Illinois
 PROBST, Gary B. ----- Effingham, Illinois
 PUJO, Rodomer M. ----- Gary, Indiana
 PUOCI, Anthony P. ----- Chicago, Illinois
 PURSLEY, Alex N. ----- Fort Wayne, Indiana
 PUTMAN, James M. ----- Rensselaer, Indiana
 PUTMAN, John E. ----- Rensselaer, Indiana

QUIGLEY, Richard P. ----- South Bend, Indiana
 QUINN, Michael A. ----- Dyer, Indiana

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RAFFERTY, George F.	Canton, Ohio
RAISH, Richard G.	Marquette, Michigan
RAMESH, Robert P.	Whiting, Indiana
RAMSEY, Don G.	Michigan City, Indiana
RANDLE, Susie May	Rensselaer, Indiana
RANKIN, Samuel H.	Dayton, Ohio
READWIN, James F.	Grand Rapids, Michigan
REAGER, John P.	Perth Amboy, New Jersey
REAGIN, James P.	Anderson, Indiana
REAMER, Paul H.	Garden City, New York
REED, William W.	Fowler, Indiana
REFAKIS, Peter E.	Fort Wayne, Indiana
REGAL, Joseph J.	LeRoy, New York
REGAN, Francis J.	Chicago, Illinois
REGAN, James Richard	Downers Grove, Illinois
REGNER, Raymond F.	Paramount, California
REICHWEIN, Carl A.	Indianapolis, Indiana
REILLY, Joseph M.	Chicago, Illinois
REINHART, James R.	Bryant, Indiana
REINHART, John M.	Louisville, Kentucky
REISING, Nicholas J.	Poseyville, Indiana
RENSPIE, Richard W.	Chicago, Illinois
REUBLIN, Barry M.	Fort Knox, Kentucky
REUBLIN, Dennis M.	Fort Knox, Kentucky
RICHARD, Joseph A.	Mishawaka, Indiana
RIEHLE, George R.	Cincinnati, Ohio
RILEY, Michael D.	Indianapolis, Indiana
RING, William J.	Marion, Ohio
RIORDAN, John P.	Chicago, Illinois
RIORDAN, William B.	Chicago, Illinois
RIVERA, Eduardo G.	Santurce, Puerto Rico
ROBERTS, Ada L.	Monticello, Indiana
RODGERS, William F.	Bement, Illinois
ROEMER, Thomas F.	Highland Park, Illinois
ROMANYAK, John F.	Gary, Indiana
ROOS, Victor C.	Jasper, Indiana
ROSICH, Anthony G.	Chicago, Illinois
ROSPENDA, Robert E.	Chicago, Illinois
ROSSI, Adrian A.	Youngstown, Ohio
ROSSO, Sam L.	Lorain, Ohio
ROSSWURM, Richard H.	New Haven, Indiana
ROTH, John T.	Fremont, Ohio
ROVANSEK, Gary J.	Cicero, Illinois
RUBEC, Edward D.	Brookfield, Illinois
RUPPE, Edward C.	South Bend, Indiana
RUPPEL, Howard J.	Wheaton, Illinois
RUZICKA, Gerald E.	Warrenville, Illinois
RYAN, Cornelius W.	Maywood, Illinois
RYAN, Edward F. J.	Highland, Indiana
RYAN, Michael J.	Chicago, Illinois
RYAN, Thomas E.	LaGrange, Illinois
RYDER, Daniel J.	East Chicago, Indiana
SABADOS, Theodore J.	Parma, Ohio
SADORF, Frank E.	Chicago, Illinois
SADOWSKI, John	Chicago, Illinois

REGISTER OF STUDENTS 173

SALMON, Michael J. -----	Michigan City, Indiana
SALVO, Vincent J. -----	Cambria Heights, New York
SANDELL, Richard V. -----	Camden, New Jersey
SANDERS, Kenneth R. -----	Chicago, Illinois
SAUER, John E. -----	Columbus, Ohio
SAVINO, Alfred P. -----	River Forest, Illinois
SCHAEFFER, Joseph W. -----	Galesburg, Illinois
SCHAFFHAUSER, Anthony C. -----	Oak Park, Illinois
SCHEIDLER, Thomas C. -----	Greensburg, Indiana
SCHENK, John R. -----	Dale, Indiana
SCHERSCHEL, Justin F. -----	Gary, Indiana
SCHMIEDERER, Alan C. -----	Chicago, Illinois
SCHMIT, Jerome F. -----	Lincolnwood, Illinois
SCHMITT, Michael G. -----	Cincinnati, Ohio
SCHNECKENBERG, Robert J. -----	Berlin, Wisconsin
SCHNEIDER, Richard L. -----	Skokie, Illinois
SCHNEIDER, Stephen F. -----	South Bend, Indiana
SCHOENBAUM, Thomas J. -----	River Forest, Illinois
SCHREI, Robert E. -----	Blue Island, Illinois
SCHREIBER, Richard W. -----	Skokie, Illinois
SCHROEDER, Paul N. -----	Rochester, Indiana
SCHUDEL, John L. -----	Decatur, Illinois
SCHUETTE, James D. -----	Goodland, Indiana
SCHULTE, Arnold J. -----	Cedar Lake, Indiana
SCHULTEIS, Oliver W. -----	Germantown, Wisconsin
SCHURGER, Severin G. -----	Decatur, Indiana
SCHUTTROW, Charles J. -----	South Bend, Indiana
SCHWAB, Clifford N. -----	Cincinnati, Ohio
SCHWINGER, Joseph L. -----	Fremont, Ohio
SCOTT, Robert M. -----	Chicago, Illinois
SCOTT, William E. -----	Waldwick, New Jersey
SEGGERSON, John J. -----	Lima, Ohio
SEIDENSTICKER, William D. -----	Chicago, Illinois
SEIKEL, Gerald D. -----	Canton, Ohio
SEITZ, Richard J. -----	Lima, Ohio
SEROCZYNSKI, Thomas J. -----	Hammond, Indiana
SETZKORN, Galen D. -----	Springfield, Missouri
SEVERA, Joseph J. -----	Roselle, Illinois
SHALLOW, Edward T. -----	Logansport, Indiana
SHANNON, Martin J. -----	Chicago, Illinois
SHEPPARD, Ronald E. -----	Hoopeston, Illinois
SHERIDAN, Richard A. -----	Lake Forest, Illinois
SHERLOCK, Thomas J. -----	Falls Church, Virginia
SHINE, William G. -----	Crete, Illinois
SHORTY, James C. -----	Gallup, New Mexico
SIDOCK, Robert E. -----	Chicago, Illinois
SIEBENTHAL, Faye C. -----	Remington, Indiana
SIER, James J. -----	Gary, Indiana
SIER, James J. -----	Gary, Indiana
SIGO, Ronald E. -----	Remington, Indiana
SIKICH, Franklin J. -----	Hammond, Indiana
SIODLARZ, Walter M. -----	Guelph, Ontario, Canada
SISKA, George P. -----	Chicago, Illinois
SISKA, William N. -----	Chicago, Illinois
SKRONSKI, Frank A. -----	North Judson, Indiana
SKWIERCZ, Bernard B. -----	South Bend, Indiana

174 SAINT JOSEPH'S COLLEGE

SLEDGE, James K. -----	Welch, West Virginia
SLIWINSKI, Victor F. -----	Lemont, Illinois
SLOAN, Francis J. -----	Chicago, Illinois
SLYKAS, William F. -----	Westville, Illinois
SMITH, Cosmas E. -----	Crown Point, Indiana
SMITH, James S. -----	Whiting, Indiana
SMITH, Jon T. -----	Marion, Ohio
SMITH, Michael R. -----	Winslow, Arizona
SMITH, Michael T. -----	Homewood, Illinois
SMITH, Philip M. -----	Des Plaines, Illinois
SMITH, Richard W. -----	Chicago, Illinois
SNYDER, Gerald F. -----	Swanton, Ohio
SORG, Daniel A. -----	Fort Wayne, Indiana
SORG, John M. -----	Fort Wayne, Indiana
SOROTA, John A. -----	Whiting, Indiana
SPEJEWSKI, Gerald R. -----	East Chicago, Indiana
SPICER, Richard O. -----	Berkley, Michigan
SPRALEY, Richard A. -----	Dayton, Ohio
SPYCHALSKI, John C. -----	Michigan City, Indiana
STANCUKAS, Stanley J. -----	Cicero, Illinois
STAPLEMAN, Charles W. -----	Joliet, Illinois
STARK, David C. -----	Olympia Fields, Illinois
STEC, Albert J. -----	East Chicago, Indiana
STEFANIAK, Thoams P. -----	Calumet City, Illinois
STEFANICH, Richard M. -----	Joliet, Illinois
STEFFEK, Gary A. -----	Fort Leonard Wood, Missouri
STEINMETZ, Herbert C. -----	Chicago, Illinois
STEPHAN, Gerald . -----	Gary, Indiana
STEPIEN, Kenneth R. -----	Antioch, Illinois
STERZINGER, George J. -----	Pittsburgh, Pennsylvania
STIEMAN, John R. -----	Chicago, Illinois
STINEMAN, John F. -----	Cincinnati, Ohio
STITH, Robert C. -----	Akron, Ohio
STITT, Robert J. -----	Holland, Michigan
STODOLA, Patrick W. -----	Hammond, Indiana
STROHL, Patrick F. -----	Wauconda, Illinois
STRZELCZYK, Joseph W. -----	Argo, Illinois
STRZOK, David F. -----	Gilman, Wisconsin
SULLIVAN, James A. -----	Evergreen Park, Illinois
SULLIVAN, James E. -----	Chicago, Illinois
SULLIVAN, James P. -----	River Forest, Illinois
SWANSON, Eric J. -----	Port Huron, Michigan
SWEENEY, Robert M. -----	Chicago, Illinois
SWIATEK, James M. -----	Chicago, Illinois
SZCINSKI, Jerry C. -----	Chicago, Illinois
SZCZERBA, Stanley J. -----	South Bend, Indiana
SZYCH, Paul J. -----	South Bend, Indiana

TARANTINO, Dominick R. -----	Trenton, New Jersey
TATRO, John M. -----	Marinton, Illinois
TAYLOR, Robert J. -----	Chicago, Illinois
TEAFF, Joseph D. -----	Hardinsburg, Kentucky
TETRAULT, David J. -----	Bourbonnais, Illinois
THOELE, Michael D. -----	Effingham, Illinois
THOMA, Thomas G. -----	Springfield, Illinois

REGISTER OF STUDENTS 175

THOMA, William A. ----- Chicago, Illinois
 THOMAS, Roger P. ----- Southgate, Michigan
 THORNTON, Howard J. ----- South Bend, Indiana
 TIMMINS, Patrick F. ----- Columbus, Ohio
 TOLLICK, Robert W. ----- Norridge, Illinois
 TORRENCE, James R. ----- Lakewood, Ohio
 TRACI, Paul A. ----- Alexandria, Virginia
 TRAINOR, James B. ----- Cincinnati, Ohio
 TRAPP, Raymond R. ----- Chicago, Illinois
 TROIKE, Frank A. ----- Chicago, Illinois
 TRUBA, James D. ----- Detroit, Michigan
 TUERFF, James Rodrick ----- Gary, Indiana
 TULLY, Dennis B. ----- Gary, Indiana
 TURNER, Donald L. ----- Brook, Indiana
 UBIK, John F. ----- Chicago, Illinois
 UECKER, Joseph H. ----- Fort Wayne, Indiana
 ULLO, Philip P. ----- Chicago, Illinois
 URBANCZYK, Audrey F. ----- Rensselaer, Indiana
 URIG, Robert A. ----- Elyria, Ohio

VALEIKA, Raymond ----- East St. Louis, Illinois
 VALLERO, Richard A. ----- Chicago, Illinois
 VAN ANTWERP, Bernard L. ----- Grosse Pointe Park, Michigan
 VANDENBROUCKE, Arthur C. ----- Elmhurst, Illinois
 VANDERFLOW, Edward G. ----- Berwyn, Illinois
 VAN KAMPEN, Kenneth R. ----- Beloit, Wisconsin
 VAN LEIRSBURG, Dean A. ----- St. Charles, Illinois
 VASEK, Tony G. ----- Cleveland, Ohio
 VAUGHT, William E. ----- Cincinnati, Ohio
 VENDL, Ronald L. ----- Crown Point, Indiana
 VEOME, Edmond A. ----- Chicago, Illinois
 VERLODT, James J. ----- Mishawaka, Indiana
 VESPER, Nicholas J. ----- Chicago, Illinois
 VETTER, Lance E. ----- Park Ridge, Illinois
 VICKERY, James R. ----- Bradley, Illinois
 VITALE, Robert W. ----- Canton, Ohio
 VLAMING, Roger T. ----- Chicago, Illinois
 VLASATY, Joseph G. ----- Brookfield, Illinois
 VOELLINGER, Arthur C. ----- Belleville, Illinois
 VOGEL, John H. ----- Lima, Ohio
 VOGT, Richard L. ----- Delphos, Ohio
 VOLKMER, Michael E. ----- Nebraska City, Nebraska
 VON BAMPUS, James F. ----- Oak Lawn, Illinois
 VOSS, Raymond A. ----- Villa Park, Illinois

WACHTER, Raymond R. ----- Park Ridge, Illinois
 WADAS, James J. ----- Chicago, Illinois
 WAGGAMAN, Robert J. ----- East St. Louis, Illinois
 WAGNER, Gerald N. ----- La Porte, Indiana
 WAGNER, John M. ----- Chicago, Illinois
 WALLEY, Edward L. ----- Mansfield, Ohio
 WALSH, Matthew P. ----- Chicago, Illinois
 WALSH, William J. ----- Louisville, Kentucky
 WALTER, Gerald L. ----- Crown Point, Indiana

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WARD, James S. -----	Livonia, Michigan
WARZYNSKI, Theodore B. -----	Chicago, Illinois
WATERS, Martin J. -----	Rego Park, New York
WEBER, Frederick R. -----	Chicago, Illinois
WEBER, Lynn A. -----	Lafayette, Indiana
WEBER, Ronald L. -----	South Bend, Indiana
WEBSTER, Thomas M. -----	Chicago, Illinois
WELK, Thomas A. -----	Linton, North Dakota
WELSH, Daniel W. -----	Anderson, Indiana
WENDOWSKI, Paul A. -----	South Bend, Indiana
WEST, Arthur C. -----	Chicago, Illinois
WHALEN, Joseph E. -----	Penfield, Illinois
WHALEY, Marilyn M. -----	Brook, Indiana
WHALEY, Patricia J. -----	Morocco, Indiana
WHITLOW, Allan G. -----	Michigan City, Indiana
WICHTMAN, James F. -----	Detroit, Michigan
WIEGAND, George F. -----	South Bend, Indiana
WEINCKOWSKI, Marion P. -----	Chicago, Illinois
WILBERSHEID, Robert C. -----	New Holstein, Wisconsin
WILBURN, William N. -----	Pittsburgh, Pennsylvania
WIHELM, Philip J. -----	Indianapolis, Indiana
WILKER, Henry J. -----	Louisville, Kentucky
WILL, Daniel V. -----	Delphos, Ohio
WILLEMS, Harold E. -----	Brook, Indiana
WILLIAMS, John C. -----	LaGrange, Illinois
WILLIAMS, Thomas A. -----	Dayton, Ohio
WILMORE, Elister L. -----	Evanson, Illinois
WILSTERMAN, Robert J. -----	New Lenox, Illinois
WINKELJOHN, Robert H. -----	Wabash, Indiana
WINKLER, Kenneth M. -----	St. Louis, Missouri
WINKOWSKI, Michael J. -----	South Bend, Indiana
WISZ, George T. -----	Berwyn, Illinois
WOCHNER, John F. -----	Bloomington, Illinois
WOCHNER, Leonard M. -----	Bloomington, Illinois
WOJCIK, Albert J. -----	Chicago, Illinois
WOJCINSKI, Richard R. -----	Chicago, Illinois
WOLF, James J. -----	Fort Wayne, Indiana
WOLF, John C. -----	Minster, Ohio
WOLFE, Joseph G. -----	Princeton, Indiana
WOLFF, Edward L. -----	Parma, Ohio
WOLSHON, Raymond E. -----	Chicago, Illinois
WOLSON, Raymond D. -----	Chicago, Illinois
WOOD, Michael J. -----	Columbus, Ohio
WOODS, James J. -----	Western Springs, Illinois
WOYNEROWSKI, Dennis F. -----	Chicago, Illinois
WRIGHT, Phillip R. -----	Rensselaer, Indiana
WROBEL, George E. -----	Chicago, Illinois
WROBLEWSKI, Richard A. -----	South Bend, Indiana
WRONSKI, Thomas S. -----	Chicago, Illinois
WUERTH, Felix L. -----	Louisville, Kentucky
WYEN, Larry J. -----	Minster, Ohio
WYSOGLAD Kenneth J. -----	Chicago, Illinois

YARRIS, Charles E. ----- Fostoria, Ohio
YATES, Thomas P. ----- Manteno, Illinois

REGISTER OF STUDENTS 177

YINGST, Thomas P. ----- Lebanon, Pennsylvania
 YOHHER, William M. ----- Marion, Indiana
 YOUNG, Robert J. ----- Walnut, Kansas

ZAHONYI, Raphael B. ----- Cleveland, Ohio
 ZALOKAR, John E. ----- University Heights, Ohio
 ZAWILA, Daniel S. ----- Memphis, Tennessee
 ZENK, John W. ----- Marengo, Illinois
 ZERA, Alex A. ----- Skokie, Illinois
 ZERA, Philip V. ----- Skokie, Illinois
 ZID, John E. ----- Berwyn, Illinois
 ZIELINSKI, Arthur C. ----- South Bend, Indiana
 ZIMMER, Leonard P. ----- Chicago, Illinois
 ZIMMER, Michael J. ----- Pontiac, Michigan
 ZLEIT, William E. ----- Kansas City, Missouri
 ZOFKIE, James C. ----- Chicago, Illinois
 ZOFKIE, Michael J. ----- Chicago, Illinois
 ZOLECKI, Joseph H. ----- Milwaukee, Wisconsin
 ZURAD, Robert S. ----- East Chicago, Indiana
 ZURAWSKI, Thaddeus J. ----- Chicago, Illinois
 ZYLA, Charles A. ----- Detroit, Michigan

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CALIFORNIA -----	3	OKLAHOMA -----	1
CONNECTICUT -----	3	OREGON -----	1
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INDIANA -----	289	TENNESSEE -----	1
KANSAS -----	2	TEXAS -----	2
KENTUCKY -----	1	VIRGINIA -----	5
MASSACHUSETTS -----	1	WEST VIRGINIA -----	2
MICHIGAN -----	85	WISCONSIN -----	19
MISSOURI -----	7	CANADA -----	1
NEBRASKA -----	1	CHILE -----	1
NEW HAMPSHIRE -----	2	GERMANY -----	1
NEW JERSEY -----	14	NIGERIA -----	1
NEW MEXICO -----	1	PUERTO RICO -----	3
NEW YORK -----	16	VENEZUELA -----	1
NORTH DAKOTA -----	4	VIETNAM -----	1

APPENDIX II

Degrees, Honors and Awards: June 5, 1960

DOCTOR OF LETTERS, HONORIS CAUSA

Helen C. White

Albert A. Leach

DOCTOR OF LAWS, HONORIS CAUSA

Morris E. Jacobs

Justin H. Oppenheim

Michael Edward Arce, B.A., Mathematics	Royal Oak, Michigan
John Benedict Bellucci, B.S., Biology-Chemistry	Antioch, Illinois
Theodore Stephen Bendis, B.S., Accounting	Whiting, Indiana
Ronald Marshall Biedakiewicz, B.A., Political Science	Chicago, Illinois
Louis Alec Blanc JQr., B.A., Economics	Peoria, Illinois
James John Blanz, B.S., Mathematics	
Magna Cum Laude	Gaylord, Michigan
Kenneth Raymond Bogner, B.S., Marketing	Hammond, Indiana
Thomas Leon Brady, B.S., Marketing	Dodge City, Kansas
Charles Patrick Bray, B.S., Marketing	Saginaw, Michigan
Joseph Anthony Breman, B.S., Marketing	Fort Wayne, Indiana
John Timothy Brennan, B.S., Mathematics	Berea, Ohio
Anthony Michael Calderone, B.A., History	Battle Creek, Michigan
Daniel F. Casey, B.S., Accounting Cum Laude	Chicago, Illinois
Melvorn Michael Casey Jr., B.S.	
General Business Cum Laude	Chicago, Illinois
Robert Norris Cathcart, B.A., English	Muskegon Heights, Michigan
Donald R. Disbrow Jr., B.S., Marketing	Richland, Michigan
Edward Francis Donlan, B.A., Economics	Chicago, Illinois
Donald R. Donahue, B.S., Accounting	Cullom, Illinois
Nancy Jean Dye, B.S., Education	Wolcott, Indiana
Nuel Freeman Edmonds, B.A., Geology	Rensselaer, Indiana
Robert Arnold Ernst, B.S., Accounting	Chicago, Illinois
Richard Albert Etter, B.S., Marketing	Lafayette, Indiana
Frederick Jerome Faulstich, B.S., General Business	Danville, Illinois
John Michael Finnegan, Jr., B.S., Marketing	Louisville, Kentucky
August C. Fisher Jr., B.S., Biology-Chemistry	Lemont, Illinois
Richard James Flashing B.A., Economics	River Grove, Illinois
Michael John Fontanetta, B.S., General Business	Chicago, Illinois
Robert Douglas Gallaher, B.A. Political Science*	Chicago, Illinois

* Nominated to Who's Who Among Students in American Colleges and Universities.

Charles Francis Gaul, B.S., General Business	Elmhurst, Illinois
Thomas Jude Geffert, B.S., General Business	Detroit, Michigan
Vernon G. Gladu, B.S., Geology	Kankakee, Illinois
John Lee Griffis, B.S., Marketing	Kentland, Indiana
James Peter Gross, B.S., Geology	Chicago, Illinois
Robert Roy Grotemat, B.S., Marketing	Ludington Michigan
Gregory Clemens Grothouse, B.S., Marketing	Whiting, Indiana
Ralph Joseph Haldorson, B.A., History	Coal City, Illinois
John William Hancock, B.A., English Cum Laude	Hobart, Indiana
James Thomas Hannon, B.A., Economics	Chicago, Illinois
Earl Stephen Harrington, B.S., Marketing	Chicago, Illinois
Lawrence Joseph Honikel, B.S., General Business	Elmwood Park, Illinois
Albert A. Janc, B.A., History	Schererville, Indiana
Robert George Jancich, B.A., History	Whiting, Indiana
David Edward Kafka, B.S., Accounting	Royal Oak, Michigan
Joseph M. Kanamueller, B.S., Chemistry Magna Cum Laude*	Chicago, Illinois
Jack Leo Keilman, B.S., Accounting	Dyer, Indiana
Lester J. Klein, B.S., Physical Education*	Lake Village, Indiana
Mark Joseph Kline, B.A., Philosophy	Cedar Grove, Indiana
James B. Koehler, B.S., Marketing*	Madison, Indiana
Ronald Peter Koron, B.S., Accounting Cum Laude	Chicago, Illinois
Raymond Aloysius Krizmanic, B.A., History Summa Cum Laude*	Joliet, Illinois
Edward Alois Krutzler, B.A., Mathematics	Chicago, Illinois
James Gordon Lambke, B.S., Marketing	Elmwood Park, Illinois
Joseph Albert Lambke, B.S., Marketing Cum Laude	Elmwood Park, Illinois
Robert J. Larger, B.S., Mathematics-Physics	Louisville, Kentucky
Ronald Lee Lawnzak, B.S., Marketing	Joliet, Illinois
Thomas Franklin Lewis, B.S., General Business	Kendallville, Indiana
Joseph Michael Lillich, B.A., History	Fort Wayne, Indiana
Young Choul Lim, B.S., Mathematics-Physics	Seoul, Korea
Robert Joseph Lippie, B.S., Accounting	Whiting, Indiana
Mathias Connor Loesch, B.S., Mathematics-Physics Magna Cum Laude	Fort Wayne, Indiana
Gary Alan Lynch, B.A., Economics Cum Laude	Remington, Indiana
Matthew Joseph Lynch, B.A., Geology*	Chicago, Illinois
Gilbert John McCloskey, B.A., History	Walled Lake, Michigan
James Robert McCullough, B.A., English Magna Cum Laude*	Chicago, Illinois
Gerald J. McInerney, B.S., Marketing	Chicago, Illinois

* Nominated to Who's Who Among Students in American Colleges and Universities.

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Patrick Joseph McMullen, B.S., Geology	Schererville, Indiana
William Joseph McNicholas, B.S., Accounting	Chicago, Illinois
Gregory Joseph Mahoney, B.A., English-Journalism Cum Laude*	Oak Park, Illinois
David Kenneth Mann, B.A., Economics	Detroit, Michigan
Erwin Joseph Mantei, B.S., Geology	Benton Harbor, Michigan
John Andrew Mario, B.S., Accounting	Gary, Indiana
Louis John Markowski Jr., B.S., Marketing	Celina, Ohio
Edward Anthony Massura, B.S., Accounting*	Chicago, Illinois
Gerald R. Mauch, B.S., Accounting Cum Laude*,	Fort Wayne, Indiana
Richard Julius Meister, B.A., History Cum Laude	Gary, Indiana
William Robert Miller, B.S., Marketing	Chicago, Illinois
James S. Moulthrop, B.A., Geology	Dubois, Pennsylvania
Roger Edmund Mueller, B.A., Economics*	St. Louis, Missouri
Henry Joseph Murphy, B.S., Accounting Cum Laude,	Chicago, Illinois
Stanley J. Nawrocki, B.A., Mathematics	Gary, Indiana
Richard William Nietzel, B.S., Marketing	Chicago, Illinois
Maurice Charles O'Connor, B.A., Economics*	Evansville, Indiana
Thomas Lawrence O'Connor, B.S., Accounting	Kankakee, Illinois
Donald Lawrence O'Reilly, B.S., Marketing	Kankakee, Illinois
Ronald C. Osburn, B.S., Accounting	Lombard, Illinois
Thomas James O'Toole, B.A., History	Griffith, Indiana
Eugene Thomas Pajakowski, B.S., Marketing	South Bend, Indiana
Henry Anthony Pictor, B.A., English Cum Laude,	Schererville, Indiana
Ronald John Piermattei, B.S., Marketing	Hinsdale, Illinois
John J. Quinn, B.A., Mathematics-Physics	Chicago, Illinois
Frank Thomas Rastigue, B.S., Biology-Chemistry	Mt. Clemens, Michigan
Martin John Rosinski, B.S., Accounting	Calumet City, Illinois
William Llewellyn Schmidt, B.A., Economics	Lemont, Illinois
Jerome Daniel Semancik, B.S., Accounting	Whiting, Indiana
John Thomas Sheahan, B.S., General Business	Chicago, Illinois
Lawrence Ronald Siclair, B.A., Sociology	Galion, Ohio
Donald John Sidor, B.A., Biology-Chemistry	Chicago, Illinois
Peter F. Simon, B.A., Economics	Elmhurst, Illinois
Peter Edward Sladeski, B.A., History	Newburgh, New York
Robert Joseph Smat, B.S., Chemistry	Evergreen Park, Illinois
Richard James Smith, B.S., Marketing	Gary, Indiana
Thomas John Sorg, B.A., Mathematics-Physics	Fort Wayne, Indiana
Gary Patrick Stack, B.S., General Business	Elmwood Park, Illinois
Catherine B. Stage, B.A., Sociology	Milwaukee, Wisconsin
Edward John Starshak, B.A., Mathematics Magna Cum Laude	Lombard, Illinois

* Nominated to Who's Who Among Students in American Colleges and Universities.

DEGREES, HONORS AND AWARDS 181

Bernard A. Stukenborg, B.A., Mathematics-Physics Cum Laude*	Donaldson, Indiana
Timothy James Sullivan Jr., B.A., History*	Corapolis, Pennsylvania
Ralph John Tomlin, B.S., Accounting	Peoria, Illinois
Joseph John Tryzna, B.S., Accounting	Chicago, Illinois
Eugene Patrick Tunney, B.A., Economics	Chicago, Illinois
Joseph George Wild, B.A., History	Lancaster, New York
Robert Arnette Williams III, B.S., Accounting	Indianapolis, Indiana
Ruth Marie Yeoman, B.S., Education Cum Laude	Chicago, Illinois

DEGREES CONFERRED—July 29, 1960

Sister Mary Walter Agnew, C.PP.S., B.A. English Summa Cum Laude	Dayton, Ohio
Sister M. Didaca Baumgartner, S.S.N.D., B.A., Theology	Mequon, Wisconsin
Sister Mary Fides Baumgartner, S.S.N.D., B.A., Theology	Mequon, Wisconsin
James Owen Beaudoin, B.S., Accounting	Owosso, Michigan
Sister M. Amelia Chmielewska, S.S.N.D., B.A., Theology	Mequon, Wisconsin
Sister Mary Eleanore, S.S.N.D. Certificate in Theology	Mequon, Wisconsin
Charles A. Faucher, B.A., Philosophy Magna Cum Laude*	Grosse Ile, Michigan
Frank R. Fitzgerald, B.A., Economics	Elmwood Park, Illinois
Dennis Anthony Fus, B.A., English	Hammond, Indiana
Sister Mary Anastasia Glanbin, S.S.N.D., B.A., Theology	Mequon, Wisconsin
Ronald Eugene Grontkowski, B.S., Marketing	South Bend, Indiana
Sister Mary Ann Celeste Guidry, C.PP.S., B.S., Education	Dayton, Ohio
Ronald E. Knoerzer, B.A., Mathematics-Physics	Calumet City, Illinois
Clyde Louis Kreinbrink, B.S., Geology	Leipsic, Ohio
Sister Mary Corita Lagerbloom, O.S.F., B.A., Theology	Peoria, Illinois
James E. Murphy, B.A., Mathematics-Physics	Homewood, Illinois
George Louis Pawlus, B.A., Political Science	Chicago, Illinois
Sister M. Paul de Cruce, S.S.N.D. Certificate in Theology	Mequon, Wisconsin

* Nominated to **Who's Who Among Students in American Colleges and Universities.**

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Sister M. Lillian Ransick, S.F.P., B.A., Theology	Cincinnati, Ohio
Sister Mary Reina, B.C.M., B.A., Theology	Dubuque, Iowa
Sister M. Benedette Rheude, S.S.N.D., B.A., Theology	Mequon, Wisconsin
Sister Mary Serena, B.V.M., B.A., Theology	Dubuque, Iowa
Sister Mary Isidore Soltys, S.S.N.D. Certificate in Theology	Mequon, Wisconsin
Kenneth A. Stelzer, B.S., Marketing	Celina, Ohio
Charles John Tilton, B.S., Education	Rensselaer, Indiana
Anthony Francis Tumbarello, B.S., Education	Chicago, Illinois
Edward Thomas Tylka, B.S., Geology	Chicago Heights, Illinois
Henry Hewitt Voss, B.A., Mathematics-Physics	Homewood, Illinois
Sister M. Benigna Weilert, Ad.PP.S., B.A., Theology,	Wichita, Kansas
Sister Mary Theodore Wodzinska, S.S.N.D., Certificate in Theology	Mequon, Wisconsin
Sister Mary Zena, Ad.PP.S., B.A., Theology	Wichita, Kansas

DEGREES CONFERRED—January 29, 1961

THE ALUMNI MERIT AWARD: SECOND CONFERRAL

EDWARD FISCHER, '34

Gerald R. Brudenell, B.S., Marketing	Villa Park, Illinois
Donald T. Buckley, B.A., Mathematics-Physics	Augusta, Georgia
Stanley R. Bumbales, B.S., Marketing	Cleveland, Ohio
Richard L. Burns, B.S., General Business	Goodland, Indiana
Michael R. Crosse, B.S., General Business	Chicago, Illinois
Thomas A. Cusick, B.A., Economics	Detroit, Michigan
James W. Doran, B.A., Sociology	South Bend, Indiana
Gerald J. Friedrich, B.S., Marketing	South Bend, Indiana
Thomas A. Goheen, B.S., Physical Education,	Huntington, W. Virginia
Robert E. Graham, B.S., Physical Education	Morocco, Indiana
Mathias A. Herriges, B.S., Physical Education	Des Plaines, Illinois
Philip C. Hughey, B.A., Mathematics-Physics	Franklin, Indiana
Joseph P. Hyde, B.S., Mathematics-Physics	Indianapolis, Indiana
John Klawitter, B.S., Geology Cum Laude	Steger, Illinois
Richard J. Liskka, B.A., Economics	Chicago, Illinois
Edward P. McGee, B.A., Economics Cum Laude	Chicago, Illinois

DEGREES, HONORS AND AWARDS 183

John P. Mascotte, B.A., Philosophy Cum Laude*	Fort Wayne, Indiana
Theodore J. Miller, B.A., Economics	Chicago, Illinois
Toan Nguyen, B.A., Economics	Saigon, Vietnam
Judith A. O'Neil, B.S., Mathematics	Morocco, Indiana
Jose M. Perez, B.A., Sociology	Caguas, Puerto Rico
Raymond F. Regner, B.S., Physical Education*	Paramount, California
Carl A. Reichwein, B.A., Economics	Indianapolis, Indiana
Edmund A. Roth, B.A., Mathematics-Physics	Chicago, Illinois
Cosmas Smith Jr., B.S., General Business	Crown Point, Indiana
Gerald F. Stephan, B.A., Political Science	Gary, Indiana

* Nominated to *Who's Who Among Students in American Colleges and Universities*.

HONORS AND AWARDS: 1960-61

Delta Epsilon Sigma

National Catholic Honors Society

Class of 1960

John B. Bellucci, B.S.	Matthew J. Lynch, B.A.
James J. Blanzky, B.S.	William J. McCrea, B.A.
George F. Borge, B.S. (cand.)	James R. McCullough, B.A.
Donald T. Buckley, B.A.	Gregory J. Mahoney, B.A.
Daniel F. Casey, B.S.	Gerald R. Mauch, B.S.
Melvorn M. Casey, B.S.	Maurice C. O'Connor, B.A.
James C. Caswell, B.S.	Robert C. Oehmke, B.A.
Charles A. Faucher, B.A. (cand.)	Patrick U. Opara, B.A.
Frank R. Fitzgerald, B.A.	Henry A. Pictor, B.A.
Joseph M. Kanamueller, B.S.	Martin J. Rosinski, B.S.
Ronald P. Koron, B.S.	Edmund A. Roth, B.A.
Raymond A. Krizmanic, B.A.	Donald J. Sidor, B.A.
Joseph A. Lambke, B.S.	Edward J. Starshak, B.A.
Mathias C. Loesch, B.S.	Ronald F. Urban, B.A. (cand.)
Gary A. Lynch, B.A.	Joseph M. Watson, B.S.

The Alumni Essay Award

Donor: Saint Joseph's College Alumni Association

First Prize: Charles Faucher

Second Prize: James McCullough

Honorable Mention: Francis Creel

The Mary J. Pursley Award for Creative Writing

Donor: The Most Reverend Leo A. Pursley, D.O., LL.D., '21

Winner: Francis Creel

Runner Up: Henry A. Pictor

Third Place: Charles Faucher

The Hanley Science Award

Donor: Mr. William A. Hanley, D.Eng., LL.D., '08

Second Prize: William B. Krantz

The Monsignor T. M. Conroy Memorial Oratory Medal

Donor: Reverend James J. Conroy, '32, Huntington, Indiana

First Prize: Joseph Richards

Second Prize: William Krantz

Third Prize: Joseph Fitzgerald

The Indiana Association of Certified Public Accountants Award

Winner: Jack L. Keilman

The Lay Trustees Business Award

Donor: Members of the Board of Lay Trustees and St. Joseph's College

Winner: Ronald Koron

The John P. Hruzik ('52) Geology Award

Donor: The Geology Department

Winner: James C. Shorty

The Louis F. White ('54) Memorial Award

Donor: The Glee Club

Winner: Henry Pictor

The Camera Club Award

Division Color:

Winner: Robert Dombro

Division Black and White:

Winner: Emil Gies

The San Jose Models and Crafts Award

Division I

First Prize: James Delaney

Second Prize: Pat Goedert

Division II

First Prize: Kenneth Schoden

Second Prize: Judith O'Neil

Division III

First Prize: Jerry Beckman

Second Prize: Thomas Ceskowski

"Stuff" Annual Achievement Award to Outstanding Campus Club

Winner: History Club

Saint Joseph's Mother of the Year

Donor: Student Council

Winner: Mrs. Florence Gallagher

APPENDIX III.

ALUMNI ASSOCIATION

Organized June 17, 1896, after the charter class of 1891 was graduated, the Alumni Association of Saint Joseph's College was established . . . "to cherish and strengthen the love of the graduates of St. Joseph's College for their Alma Mater; to keep graduates of the different classes in communication with the college and with each other; and to bring about an acquaintance and friendship among the graduates of the different years that they may assist each other in attaining these ends." Membership is open to any graduate or former student who leaves in good standing. There are no dues. The college publishes an alumni newspaper which is mailed to all members nine times a year without charge. Alumni are invited to return to the campus each year for the annual homecoming weekend held during football season. Chapters of the association are established in cities throughout the country. The association assists the college in: fund raising; student recruitment; publicizing the college in local communities; and placement of graduates.

GIFTS AND BEQUESTS

Gifts and bequests of money, securities or real estate are gratefully received by Saint Joseph's College. Many additions have thus been made to the resources of the institution.

To serve the College in this way it is not necessary to make a large bequest. There are doubtless many who without injury to family or other interests could bequeath \$500, \$1,000, or \$5,000; and some who might bequeath a much larger sum.

Unless other use is specified, it is the general policy of the institution to designate funds so given as a part of the permanent endowment of the institution.

In order to be valid in most states, a will must be signed by the testator in the presence of at least two disinterested witnesses who should attest the instrument as such witnesses.

FORM OF GENERAL BEQUEST

I hereby give and bequeath to the Board of Control of Saint Joseph's College, situated at Collegeville, Indiana, and to their successors forever, for the use of said institution in fulfillment of its general corporate purposes. (State here the sum of money which you desire to give, or describe the property or securities constituting the bequest.)

ANNUITIES

Anyone desiring to further the education of Catholic youth and the progress of training under Catholic auspices through the annuity plan may secure detailed information concerning the plan sponsored by Saint Joseph's College by writing to the Very Reverend President, Collegeville, Indiana.

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DIRECTORY

Rensselaer, a city of five thousand, is situated in northwestern Indiana. On the Monon Route (Chicago, Indianapolis, and Louisville Railway), it is 73 miles southeast of Chicago, 50 miles southeast of Hammond, Indiana. Approached from the south, it is 110 miles northwest of Indianapolis, and 47 miles northwest of Lafayette. East and west railway lines connect with the Monon at various points—Chicago, Hammond, Lafayette, Delphi, Frankfort and Indianapolis.

Saint Joseph's College (Collegeville) lies just outside the city's southern limits. Taxi service is available from the Rensselaer depot. Indiana State Highway 53 (U.S. 231) one of the main routes connecting Chicago and Indianapolis, passes through the College grounds. The Indiana Motor Bus Company, operating between Cincinnati and Chicago, uses Route 53 and will take on and let off passengers at Collegeville.

Mail: Saint Joseph's College, Rensselaer, Indiana.

*Telephone: Rensselaer, Indiana, 800.

Telegraph: Saint Joseph's College, Rensselaer, Indiana.

Express, Freight, and Baggage: Saint Joseph's College, Rensselaer, Indiana.

*TELEPHONE CALLS

The College telephone switchboard is open from 8:00 a.m. until 10:00 p.m. each day during the school year. During vacation periods it is open from 8:00 a.m. until 9:00 p.m.

During these hours incoming calls to college students (except to those living in Scharf, White, and Washburn) should be made through the College switchboard (Rensselaer 800).

From 10:00 p.m. until 8:00 a.m. calls should be made directly to the pay phone in the hall in which the student lives. Each student should give members of his immediate family the number of his hall pay phone.

The following are the numbers of hall pay phones on which incoming calls should be received after 10:00 P.M.

Bennett	"	LD 813	Merlini	"	LD 11 W
Drexel	"	LD 7	Noll	"	LD 814
Gallagher	"	LD 15	East Seifert	"	LD 11 R
Gaspar	"	LD 13	West Seifert	"	LD 12
Halas	"	LD 804			

Calls to students in the following halls should be made directly to the hall at all times:

Scharf	Rensselaer 3026 M
White	" 3026 W
Washburn	" LD 812

